



## RENHOTEC GROUP LIMITED

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 **RENHOTEC**



# M12 Series

- Compliance with IEC61076 standard.
- Protection degree: IP65(Mated), IP67(Mated).
- Multiple coded available: A, B, D, X, S, T, K, L, M coded.
- Pin configurations: 2, 3, 4, 5, 6, 8, 12, 17 positions.
- Cable length, material and colours can be customized.

■ M12 ABD CODE



Part No. RHT-634-3371 RHT-634-3370 RHT-634-3223 RHT-634-3091



Part No. RHT-634-3373 RHT-634-3372 RHT-634-3325 RHT-634-3324



Part No. RHT-634-3292 RHT-634-3291 RHT-634-3221 RHT-634-3220



Part No. RHT-634-3327 RHT-634-3326 RHT-634-3294 RHT-634-3293



Part No. RHT-634-1390 RHT-634-1322 RHT-634-1422 RHT-634-1386

■ M12 ABD CODE



Part No. RHT-634-1355 RHT-634-1314 RHT-634-1337 RHT-634-1306



Part No. RHT-634-3423 RHT-634-3245 RHT-634-3189 RHT-634-3154



Part No. RHT-634-1423 RHT-634-1185 RHT-634-3065 RHT-634-3064



Part No. RHT-634-3067 RHT-634-3066 RHT-634-3069 RHT-634-3068



Part No. RHT-634-3077 RHT-634-3076 RHT-634-3224 RHT-634-3392

■ M12 ABD CODE



Part No. RHT-634-3391 RHT-634-3531 RHT-634-3530 RHT-634-3266



Part No. RHT-634-3200 RHT-634-3309 RHT-634-3308 RHT-634-3124



Part No. RHT-634-3255 RHT-634-3239 RHT-634-3515 RHT-634-1390-XXX



Part No. RHT-634-1322-XXX RHT-634-1422-XXX RHT-634-1386-XXX RHT-634-3423-XXX



Part No. RHT-634-3245-XXX RHT-634-3189-XXX RHT-634-1423-XXX RHT-634-1185-XXX

■ M12 ABD CODE



Part No. RHT-634-3065-XXX RHT-634-3064-XXX RHT-634-3067-XXX RHT-634-3066-XXX



Part No. RHT-634-3309-XXX RHT-634-3124-XXX RHT-634-3255-XXX RHT-M12002/M12006



Part No. RHT-M12001/M12005 RHT-M12004/M12008 RHT-M12003/M12007 RHT-M12014



Part No. RHT-M12013 RHT-M12016 RHT-M12015 RHT-605-10056



Part No. RHT-605-10055 RHT-605-10058 RHT-605-10057

■ M12 ABD CODE



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67



67

Part No. RHT-634-3639

RHT-634-3640

RHT-634-3399

RHT-634-3413



68



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69



70

Part No. RHT-634-3366

RHT-634-3367

RHT-605-3641

RHT-605-2934



71



72



73



73

Part No. RHT-634-3262

RHT-634-3578

RHT-634-3400

RHT-634-3435



74



74



74



74

Part No. RHT-634-3341

RHT-634-3337

RHT-634-3340

RHT-634-3336



75



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75

Part No. RHT-634-3343

RHT-634-3339

RHT-634-3342

RHT-634-3338

■ M12 ABD CODE



76



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77



77

Part No. EB-400-2221-O-F-S

RHT-634-3444

RHT-634-3446

RHT-634-3445



78



79



79



80

Part No. RHT-634-3480

RHT-634-3345

RHT-634-3344

RHT-634-3347



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81



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82

Part No. RHT-634-3346

EB-400-2204-P-F-S

EB-400-2204-P-M-S

RHT-634-3448



82



83



84



84

Part No. RHT-634-3447

RHT-634-3479

RHT-634-3401

RHT-634-3453



85



85



86



87

Part No. RHT-634-3402

RHT-634-3434

RHT-634-3403

RHT-634-3404

**M12 ABD CODE**



88



89



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90

Part No. RHT-634-3405

RHT-634-3406

RHT-634-3409

RHT-634-3408



91



91

Part No. RHT-634-3411

RHT-634-3412

**M12 X CODE**



94



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95



95

Part No. RHT-634-1193

RHT-634-1294

RHT-634-3314

RHT-634-3052



96



96



97



98

Part No. RHT-634-3276

RHT-634-3275

RHT-634-3296

RHT-634-3028

**M12 X CODE**



99



100



101



101

Part No. RHT-634-1495

RHT-634-3092

RHT-634-3297

RHT-634-3532



102



103



104



105

Part No. RHT-634-1496

RHT-634-3296-XXX

RHT-634-1495-XXX

RHT-634-3297-XXX



105



106



106



107

Part No. RHT-634-3532-XXX

RHT-605-10151

RHT-605-10142

RHT-605-10143



108



108



109



109

Part No. RHT-634-3450

RHT-634-3449

RHT-634-3452

RHT-634-3451



110

Part No. RHT-634-3478

### M12 POWER



Part No. RHT-634-3187 RHT-634-3186 RHT-634-3564 RHT-634-3563



Part No. RHT-634-3539 RHT-634-3538 RHT-634-3298 RHT-634-3300



Part No. RHT-634-3219 RHT-634-3218 RHT-634-3302 RHT-634-3301



Part No. RHT-634-3299 RHT-634-3250 RHT-634-3298-XXX RHT-634-3300-XXX



Part No. RHT-634-3219-XXX RHT-634-3218-XXX RHT-634-3302-XXX RHT-634-3301-XXX

### M12 POWER



Part No. RHT-605-10144 RHT-605-10145 RHT-605-10146 RHT-605-10147



Part No. RHT-634-3468 RHT-634-3472

### M12 ACCESSORIES



Part No. RHT-700-0371 RHT-700-0130 RHT-700-0382 RHT-700-0429

# M12 Series

A Code B Code D Code

## Product Features

- Compliance with IEC61076 standard.
- Protection degree: IP65(Mated), IP67(Mated).
- 360° EMC shielded version available.
- Pin configurations: 2, 3, 4, 5, 6, 8, 12, 17 positions.
- Cable length, material and Colours can be customized.



## M12 A B D Code General Specifications

| Pins | Rated current | Rated voltage |      | Wire gauge |                 | Female Contact |        |        | Male Contact |        |        |
|------|---------------|---------------|------|------------|-----------------|----------------|--------|--------|--------------|--------|--------|
|      |               | AC            | D/C  | AWG        | mm <sup>2</sup> | A-Code         | B-Code | D-Code | A-Code       | B-Code | D-Code |
| 2    | 4A            | 250V          | 250V | 22         | 0.34            |                |        |        |              |        |        |
| 3    | 4A            | 250V          | 250V | 22         | 0.34            |                |        |        |              |        |        |
| 4    | 4A            | 250V          | 250V | 22         | 0.34            |                |        |        |              |        |        |
| 5    | 4A            | 60V           | 60V  | 22         | 0.34            |                |        |        |              |        |        |
| 6    | 2A            | 30V           | 30V  | 24         | 0.25            |                |        |        |              |        |        |
| 8    | 2A            | 30V           | 30V  | 24         | 0.25            |                |        |        |              |        |        |
| 12   | 1.5A          | 30V           | 30V  | 26         | 0.14            |                |        |        |              |        |        |
| 17   | 1.5A          | 30V           | 30V  | 26         | 0.14            |                |        |        |              |        |        |

# M12 Field Assembly Connector, Screw Termination, Straight



CE RoHS

CE RoHS

## Specification

|                             |                           |   |   |    |   |     |
|-----------------------------|---------------------------|---|---|----|---|-----|
| Number of positions         | 2                         | 3 | 4 | 4D | 5 | 5B  |
| Insert arrangement (Female) |                           |   |   |    |   |     |
| Insert arrangement (Male)   |                           |   |   |    |   |     |
| Rated current               | 4A                        |   |   |    |   | 60V |
| Rated voltage               | 250V                      |   |   |    |   | 60V |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |   |   |    |   |     |

|                             |   |   |
|-----------------------------|---|---|
| Number of positions         | 6 | 8 |
| Insert arrangement (Female) |   |   |
| Insert arrangement (Male)   |   |   |

|                       |                           |
|-----------------------|---------------------------|
| Rated current         | 2A                        |
| Rated voltage         | 30V                       |
| Wire gauge            | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance | ≥100MΩ                    |
| Contact resistance    | ≤5mΩ                      |
| Temperature range     | -25 C ~ +80 C             |
| Protection rating     | IP67(Mated)               |
| Body material         | PA66                      |
| Screw nut material    | Brass, Nickel Plated      |
| Insulation material   | PA66+GF                   |
| Contact termination   | Screw Termination         |
| Contact material      | Brass, Gold Plated        |
| Seal                  | NBR, Black                |
| Shielding             | Unshielded                |
| Mating cycles         | ≥500                      |

## Part Number

| Number of positions | Female                  | Male                    |
|---------------------|-------------------------|-------------------------|
| 2                   | RHT-634-3371-02-PG7/PG9 | RHT-634-3370-02-PG7/PG9 |
| 3                   | RHT-634-3371-03-PG7/PG9 | RHT-634-3370-03-PG7/PG9 |
| 4                   | RHT-634-3371-04-PG7/PG9 | RHT-634-3370-04-PG7/PG9 |
| 4D                  | RHT-634-3371-4D-PG7/PG9 | RHT-634-3370-4D-PG7/PG9 |
| 5                   | RHT-634-3371-05-PG7/PG9 | RHT-634-3370-05-PG7/PG9 |
| 5B                  | RHT-634-3371-5B-PG7/PG9 | RHT-634-3370-5B-PG7/PG9 |
| 6                   | RHT-634-3371-06-PG7/PG9 | RHT-634-3370-06-PG7/PG9 |
| 8                   | RHT-634-3371-08-PG7/PG9 | RHT-634-3370-08-PG7/PG9 |

# M12 Field Assembly Connector, Solder Cup, Straight



CE RoHS

CE RoHS

## Specification

|                             |                           |   |   |    |   |     |
|-----------------------------|---------------------------|---|---|----|---|-----|
| Number of positions         | 2                         | 3 | 4 | 4D | 5 | 5B  |
| Insert arrangement (Female) |                           |   |   |    |   |     |
| Insert arrangement (Male)   |                           |   |   |    |   |     |
| Rated current               | 4A                        |   |   |    |   | 60V |
| Rated voltage               | 250V                      |   |   |    |   | 60V |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |   |   |    |   |     |

|                             |   |   |    |    |
|-----------------------------|---|---|----|----|
| Number of positions         | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |    |    |
| Insert arrangement (Male)   |   |   |    |    |

|                       |                           |                           |
|-----------------------|---------------------------|---------------------------|
| Rated current         | 2A                        | 1.5A                      |
| Rated voltage         | 30V                       |                           |
| Wire gauge            | 24AWG/0.25mm <sup>2</sup> | 26AWG/0.14mm <sup>2</sup> |
| Insulation resistance | ≥100MΩ                    |                           |
| Contact resistance    | ≤5mΩ                      |                           |
| Temperature range     | -25 C ~ +80 C             |                           |
| Protection rating     | IP67(Mated)               |                           |
| Body material         | PA66                      |                           |
| Screw nut material    | Brass, Nickel Plated      |                           |
| Insulation material   | PA66+GF                   |                           |
| Contact termination   | Solder Cup                |                           |
| Contact material      | Brass, Gold Plated        |                           |
| Seal                  | NBR, Black                |                           |
| Shielding             | Unshielded                |                           |
| Mating cycles         | ≥500                      |                           |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-3223-02 | RHT-634-3091-02 |
| 3                   | RHT-634-3223-03 | RHT-634-3091-03 |
| 4                   | RHT-634-3223-04 | RHT-634-3091-04 |
| 4D                  | RHT-634-3223-4D | RHT-634-3091-4D |
| 5                   | RHT-634-3223-05 | RHT-634-3091-05 |
| 5B                  | RHT-634-3223-5B | RHT-634-3091-5B |
| 6                   | RHT-634-3223-06 | RHT-634-3091-06 |
| 8                   | RHT-634-3223-08 | RHT-634-3091-08 |
| 12                  | RHT-634-3223-12 | RHT-634-3091-12 |
| 17                  | RHT-634-3223-17 | RHT-634-3091-17 |

# M12 Field Assembly Connector, Screw Termination, Angled

# M12 Field Assembly Connector, Screw Termination, Straight



## Specification

|                             |                           |   |   |    |   |     |
|-----------------------------|---------------------------|---|---|----|---|-----|
| Number of positions         | 2                         | 3 | 4 | 4D | 5 | 5B  |
| Insert arrangement (Female) |                           |   |   |    |   |     |
| Insert arrangement (Male)   |                           |   |   |    |   |     |
| Rated current               | 4A                        |   |   |    |   | 60V |
| Rated voltage               | 250V                      |   |   |    |   | 60V |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |   |   |    |   |     |

## Specification

|                             |                           |   |   |    |   |     |
|-----------------------------|---------------------------|---|---|----|---|-----|
| Number of positions         | 2                         | 3 | 4 | 4D | 5 | 5B  |
| Insert arrangement (Female) |                           |   |   |    |   |     |
| Insert arrangement (Male)   |                           |   |   |    |   |     |
| Rated current               | 4A                        |   |   |    |   | 60V |
| Rated voltage               | 250V                      |   |   |    |   | 60V |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |   |   |    |   |     |

|                             |   |   |
|-----------------------------|---|---|
| Number of positions         | 6 | 8 |
| Insert arrangement (Female) |   |   |
| Insert arrangement (Male)   |   |   |

|                             |   |   |
|-----------------------------|---|---|
| Number of positions         | 6 | 8 |
| Insert arrangement (Female) |   |   |
| Insert arrangement (Male)   |   |   |

|                       |                           |
|-----------------------|---------------------------|
| Rated current         | 2A                        |
| Rated voltage         | 30V                       |
| Wire gauge            | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance | ≥100MΩ                    |
| Contact resistance    | ≤5mΩ                      |
| Temperature range     | -25°C ~ +80°C             |
| Protection rating     | IP67(Mated)               |
| Body material         | PA66                      |
| Screw nut material    | Brass, Nickel Plated      |
| Insulation material   | PA66+GF                   |
| Contact termination   | Screw Termination         |
| Contact material      | Brass, Gold Plated        |
| Seal                  | NBR, Black                |
| Shielding             | Unshielded                |
| Mating cycles         | ≥500                      |

|                       |                           |
|-----------------------|---------------------------|
| Rated current         | 2A                        |
| Rated voltage         | 30V                       |
| Wire gauge            | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance | ≥100MΩ                    |
| Contact resistance    | ≤5mΩ                      |
| Temperature range     | -25°C ~ +80°C             |
| Protection rating     | IP67(Mated)               |
| Body material         | Zinc, Nickel Plated       |
| Screw nut material    | Brass, Nickel Plated      |
| Insulation material   | TPU                       |
| Contact termination   | Screw Termination         |
| Contact material      | Brass, Gold Plated        |
| Seal                  | NBR, Black                |
| Shielding             | Shielded                  |
| Mating cycles         | ≥500                      |

## Part Number

| Number of positions | Female                  | Male                    |
|---------------------|-------------------------|-------------------------|
| 2                   | RHT-634-3373-02-PG7/PG9 | RHT-634-3372-02-PG7/PG9 |
| 3                   | RHT-634-3373-03-PG7/PG9 | RHT-634-3372-03-PG7/PG9 |
| 4                   | RHT-634-3373-04-PG7/PG9 | RHT-634-3372-04-PG7/PG9 |
| 4D                  | RHT-634-3373-4D-PG7/PG9 | RHT-634-3372-4D-PG7/PG9 |
| 5                   | RHT-634-3373-05-PG7/PG9 | RHT-634-3372-05-PG7/PG9 |
| 5B                  | RHT-634-3373-5B-PG7/PG9 | RHT-634-3372-5B-PG7/PG9 |
| 6                   | RHT-634-3373-06-PG7/PG9 | RHT-634-3372-06-PG7/PG9 |
| 8                   | RHT-634-3373-08-PG7/PG9 | RHT-634-3372-08-PG7/PG9 |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-3325-02 | RHT-634-3324-02 |
| 3                   | RHT-634-3325-03 | RHT-634-3324-03 |
| 4                   | RHT-634-3325-04 | RHT-634-3324-04 |
| 4D                  | RHT-634-3325-4D | RHT-634-3324-4D |
| 5                   | RHT-634-3325-05 | RHT-634-3324-05 |
| 5B                  | RHT-634-3325-5B | RHT-634-3324-5B |
| 6                   | RHT-634-3325-06 | RHT-634-3324-06 |
| 8                   | RHT-634-3325-08 | RHT-634-3324-08 |

# M12 Field Assembly Connector, Solder Cup, Straight

# M12 Field Assembly Connector, Crimp, Straight



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## Specification

|                             |                           |   |   |    |   |     |
|-----------------------------|---------------------------|---|---|----|---|-----|
| Number of positions         | 2                         | 3 | 4 | 4D | 5 | 5B  |
| Insert arrangement (Female) |                           |   |   |    |   |     |
| Insert arrangement (Male)   |                           |   |   |    |   |     |
| Rated current               | 4A                        |   |   |    |   |     |
| Rated voltage               | 250V                      |   |   |    |   | 60V |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |   |   |    |   |     |

|                             |   |   |    |
|-----------------------------|---|---|----|
| Number of positions         | 6 | 8 | 12 |
| Insert arrangement (Female) |   |   |    |
| Insert arrangement (Male)   |   |   |    |

|                       |                           |                           |
|-----------------------|---------------------------|---------------------------|
| Rated current         | 2A                        | 1.5A                      |
| Rated voltage         | 30V                       |                           |
| Wire gauge            | 24AWG/0.25mm <sup>2</sup> | 26AWG/0.14mm <sup>2</sup> |
| Insulation resistance | ≥100MΩ                    |                           |
| Contact resistance    | ≤5mΩ                      |                           |
| Temperature range     | -25°C ~ +80°C             |                           |
| Protection rating     | IP67(Mated)               |                           |
| Body material         | Zinc Alloy, Nickel Plated |                           |
| Screw nut material    | Brass, Nickel Plated      |                           |
| Insulation material   | TPU                       |                           |
| Contact termination   | Solder Cup                |                           |
| Contact material      | Brass, Gold Plated        |                           |
| Seal                  | NBR, Black                |                           |
| Shielding             | Shielded                  |                           |
| Mating cycles         | ≥500                      |                           |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-3292-02 | RHT-634-3291-02 |
| 3                   | RHT-634-3292-03 | RHT-634-3291-03 |
| 4                   | RHT-634-3292-04 | RHT-634-3291-04 |
| 4D                  | RHT-634-3292-4D | RHT-634-3291-4D |
| 5                   | RHT-634-3292-05 | RHT-634-3291-05 |
| 5B                  | RHT-634-3292-5B | RHT-634-3291-5B |
| 6                   | RHT-634-3292-06 | RHT-634-3291-06 |
| 8                   | RHT-634-3292-08 | RHT-634-3291-08 |
| 12                  | RHT-634-3292-12 | RHT-634-3291-12 |

## Specification

|                             |                           |   |    |   |    |
|-----------------------------|---------------------------|---|----|---|----|
| Number of positions         | 3                         | 4 | 4D | 5 | 5B |
| Insert arrangement (Female) |                           |   |    |   |    |
| Insert arrangement (Male)   |                           |   |    |   |    |
| Rated current               | 4A                        |   |    |   |    |
| Rated voltage               | 250V                      |   |    |   |    |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |   |    |   |    |

|                             |   |   |    |
|-----------------------------|---|---|----|
| Number of positions         | 6 | 8 | 12 |
| Insert arrangement (Female) |   |   |    |
| Insert arrangement (Male)   |   |   |    |

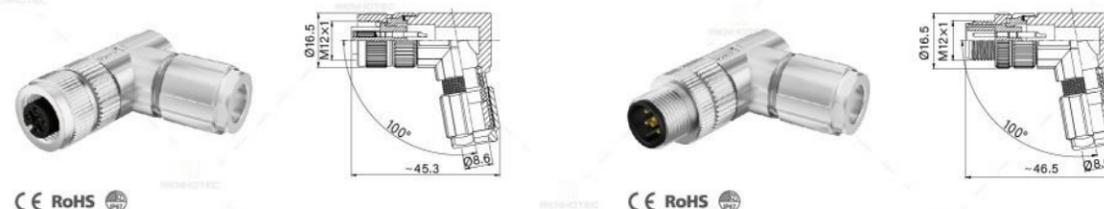
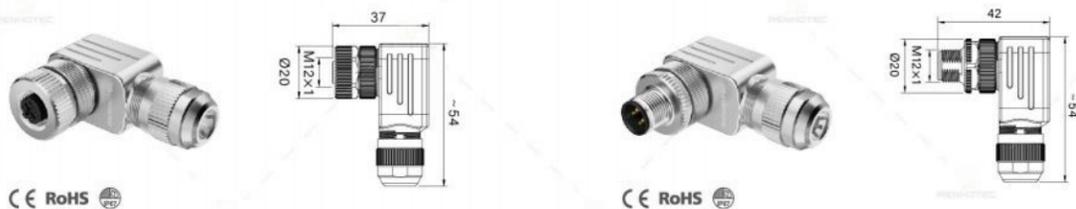
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|-----------------------|---------------------------|---------------------------|
| Rated current         | 2A                        | 1.5A                      |
| Rated voltage         | 30V                       |                           |
| Wire gauge            | 24AWG/0.25mm <sup>2</sup> | 26AWG/0.14mm <sup>2</sup> |
| Insulation resistance | ≥100MΩ                    |                           |
| Contact resistance    | ≤10mΩ                     |                           |
| Temperature range     | -25°C ~ +80°C             |                           |
| Protection rating     | IP67(Mated)               |                           |
| Body material         | Zinc Alloy, Nickel Plated |                           |
| Screw nut material    | Brass, Nickel Plated      |                           |
| Insulation material   | PA66+GF                   |                           |
| Contact termination   | Crimp                     |                           |
| Contact material      | Brass, Gold Plated        |                           |
| Seal                  | NBR, Black                |                           |
| Shielding             | Shielded                  |                           |
| Mating cycles         | ≥500                      |                           |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 3                   | RHT-634-3221-03 | RHT-634-3220-03 |
| 4                   | RHT-634-3221-04 | RHT-634-3220-04 |
| 4D                  | RHT-634-3221-4D | RHT-634-3220-4D |
| 5                   | RHT-634-3221-05 | RHT-634-3220-05 |
| 5B                  | RHT-634-3221-5B | RHT-634-3220-5B |
| 6                   | RHT-634-3221-06 | RHT-634-3220-06 |
| 8                   | RHT-634-3221-08 | RHT-634-3220-08 |
| 12                  | RHT-634-3221-12 | RHT-634-3220-12 |

# M12 Field Assembly Connector, Screw Termination, Angled

# M12 Field Assembly Connector, Solder Cup, Angled



CE RoHS

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CE RoHS

CE RoHS

## Specification

|                             |                           |   |   |    |   |     |
|-----------------------------|---------------------------|---|---|----|---|-----|
| Number of positions         | 2                         | 3 | 4 | 4D | 5 | 5B  |
| Insert arrangement (Female) |                           |   |   |    |   |     |
| Insert arrangement (Male)   |                           |   |   |    |   |     |
| Rated current               | 4A                        |   |   |    |   | 60V |
| Rated voltage               | 250V                      |   |   |    |   | 60V |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |   |   |    |   |     |

|                             |   |   |
|-----------------------------|---|---|
| Number of positions         | 6 | 8 |
| Insert arrangement (Female) |   |   |
| Insert arrangement (Male)   |   |   |

|                       |                           |
|-----------------------|---------------------------|
| Rated current         | 2A                        |
| Rated voltage         | 30V                       |
| Wire gauge            | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance | ≥100MΩ                    |
| Contact resistance    | ≤5mΩ                      |
| Temperature range     | -25°C ~ +80°C             |
| Protection rating     | IP67(Mated)               |
| Body material         | Zinc, Nickel Plated       |
| Screw nut material    | Brass, Nickel Plated      |
| Insulation material   | TPU                       |
| Contact termination   | Screw Termination         |
| Contact material      | Brass, Gold Plated        |
| Seal                  | NBR, Black                |
| Shielding             | Shielded                  |
| Mating cycles         | ≥500                      |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-3327-02 | RHT-634-3326-02 |
| 3                   | RHT-634-3327-03 | RHT-634-3326-03 |
| 4                   | RHT-634-3327-04 | RHT-634-3326-04 |
| 4D                  | RHT-634-3327-4D | RHT-634-3326-4D |
| 5                   | RHT-634-3327-05 | RHT-634-3326-05 |
| 5B                  | RHT-634-3327-5B | RHT-634-3326-5B |
| 6                   | RHT-634-3327-06 | RHT-634-3326-06 |
| 8                   | RHT-634-3327-08 | RHT-634-3326-08 |

## Specification

|                             |                           |   |   |    |   |     |
|-----------------------------|---------------------------|---|---|----|---|-----|
| Number of positions         | 2                         | 3 | 4 | 4D | 5 | 5B  |
| Insert arrangement (Female) |                           |   |   |    |   |     |
| Insert arrangement (Male)   |                           |   |   |    |   |     |
| Rated current               | 4A                        |   |   |    |   | 60V |
| Rated voltage               | 250V                      |   |   |    |   | 60V |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |   |   |    |   |     |

|                             |   |   |    |
|-----------------------------|---|---|----|
| Number of positions         | 6 | 8 | 12 |
| Insert arrangement (Female) |   |   |    |
| Insert arrangement (Male)   |   |   |    |

|                       |                           |                           |
|-----------------------|---------------------------|---------------------------|
| Rated current         | 2A                        | 1.5A                      |
| Rated voltage         | 30V                       |                           |
| Wire gauge            | 24AWG/0.25mm <sup>2</sup> | 26AWG/0.14mm <sup>2</sup> |
| Insulation resistance | ≥100MΩ                    |                           |
| Contact resistance    | ≤5mΩ                      |                           |
| Temperature range     | -25°C ~ +80°C             |                           |
| Protection rating     | IP67(Mated)               |                           |
| Body material         | Zinc Alloy, Nickel Plated |                           |
| Screw nut material    | Brass, Nickel Plated      |                           |
| Insulation material   | TPU                       |                           |
| Contact termination   | Solder Cup                |                           |
| Contact material      | Brass, Gold Plated        |                           |
| Seal                  | NBR, Black                |                           |
| Shielding             | Shielded                  |                           |
| Mating cycles         | ≥500                      |                           |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-3294-02 | RHT-634-3293-02 |
| 3                   | RHT-634-3294-03 | RHT-634-3293-03 |
| 4                   | RHT-634-3294-04 | RHT-634-3293-04 |
| 4D                  | RHT-634-3294-4D | RHT-634-3293-4D |
| 5                   | RHT-634-3294-05 | RHT-634-3293-05 |
| 5B                  | RHT-634-3294-5B | RHT-634-3293-5B |
| 6                   | RHT-634-3294-06 | RHT-634-3293-06 |
| 8                   | RHT-634-3294-08 | RHT-634-3293-08 |
| 12                  | RHT-634-3294-12 | RHT-634-3293-12 |

## M12 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight



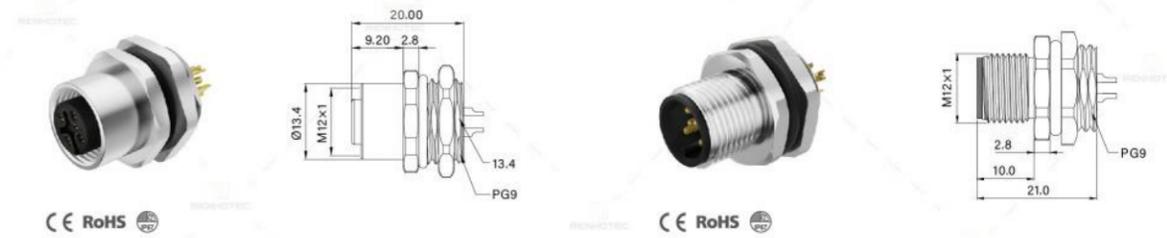
### Specification

|                             |                           |   |                           |     |   |    |
|-----------------------------|---------------------------|---|---------------------------|-----|---|----|
| Number of positions         | 2                         | 3 | 4                         | 4D  | 5 | 5B |
| Insert arrangement (Female) |                           |   |                           |     |   |    |
| Insert arrangement (Male)   |                           |   |                           |     |   |    |
| Rated current               | 4A                        |   |                           |     |   |    |
| Rated voltage               | 250V                      |   |                           | 60V |   |    |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |   |                           |     |   |    |
| Number of positions         | 6                         | 8 | 12                        | 17  |   |    |
| Insert arrangement (Female) |                           |   |                           |     |   |    |
| Insert arrangement (Male)   |                           |   |                           |     |   |    |
| Rated current               | 2A                        |   | 1.5A                      |     |   |    |
| Rated voltage               | 30V                       |   |                           |     |   |    |
| Wire gauge                  | 24AWG/0.25mm <sup>2</sup> |   | 26AWG/0.14mm <sup>2</sup> |     |   |    |
| Insulation resistance       | ≥100MΩ                    |   |                           |     |   |    |
| Contact resistance          | ≤5mΩ                      |   |                           |     |   |    |
| Temperature range           | -25 C ~ +80 C             |   |                           |     |   |    |
| Protection rating           | IP67(Mated)               |   |                           |     |   |    |
| Body material               | Brass, Nickel Plated      |   |                           |     |   |    |
| Insulation material         | PA66+GF                   |   |                           |     |   |    |
| Contact termination         | Solder Cup                |   |                           |     |   |    |
| Contact material            | Brass, Gold Plated        |   |                           |     |   |    |
| Seal                        | NBR, Black                |   |                           |     |   |    |
| Shielding                   | Unshielded                |   |                           |     |   |    |
| Mating cycles               | ≥500                      |   |                           |     |   |    |

### Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-1390-02 | RHT-634-1322-02 |
| 3                   | RHT-634-1390-03 | RHT-634-1322-03 |
| 4                   | RHT-634-1390-04 | RHT-634-1322-04 |
| 4D                  | RHT-634-1390-4D | RHT-634-1322-4D |
| 5                   | RHT-634-1390-05 | RHT-634-1322-05 |
| 5B                  | RHT-634-1390-5B | RHT-634-1322-5B |
| 6                   | RHT-634-1390-06 | RHT-634-1322-06 |
| 8                   | RHT-634-1390-08 | RHT-634-1322-08 |
| 12                  | RHT-634-1390-12 | RHT-634-1322-12 |
| 17                  | RHT-634-1390-17 | RHT-634-1322-17 |

## M12 Panel Mount Receptacle, Rear Fastened, Solder Cup, Straight



### Specification

|                             |                           |   |                           |     |   |    |
|-----------------------------|---------------------------|---|---------------------------|-----|---|----|
| Number of positions         | 2                         | 3 | 4                         | 4D  | 5 | 5B |
| Insert arrangement (Female) |                           |   |                           |     |   |    |
| Insert arrangement (Male)   |                           |   |                           |     |   |    |
| Rated current               | 4A                        |   |                           |     |   |    |
| Rated voltage               | 250V                      |   |                           | 60V |   |    |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |   |                           |     |   |    |
| Number of positions         | 6                         | 8 | 12                        | 17  |   |    |
| Insert arrangement (Female) |                           |   |                           |     |   |    |
| Insert arrangement (Male)   |                           |   |                           |     |   |    |
| Rated current               | 2A                        |   | 1.5A                      |     |   |    |
| Rated voltage               | 30V                       |   |                           |     |   |    |
| Wire gauge                  | 24AWG/0.25mm <sup>2</sup> |   | 26AWG/0.14mm <sup>2</sup> |     |   |    |
| Insulation resistance       | ≥100MΩ                    |   |                           |     |   |    |
| Contact resistance          | ≤5mΩ                      |   |                           |     |   |    |
| Temperature range           | -25 C ~ +80 C             |   |                           |     |   |    |
| Protection rating           | IP67(Mated)               |   |                           |     |   |    |
| Body material               | Brass, Nickel Plated      |   |                           |     |   |    |
| Insulation material         | PA66+GF                   |   |                           |     |   |    |
| Contact termination         | Solder Cup                |   |                           |     |   |    |
| Contact material            | Brass, Gold Plated        |   |                           |     |   |    |
| Seal                        | NBR, Black                |   |                           |     |   |    |
| Shielding                   | Unshielded                |   |                           |     |   |    |
| Mating cycles               | ≥500                      |   |                           |     |   |    |

### Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-1422-02 | RHT-634-1386-02 |
| 3                   | RHT-634-1422-03 | RHT-634-1386-03 |
| 4                   | RHT-634-1422-04 | RHT-634-1386-04 |
| 4D                  | RHT-634-1422-4D | RHT-634-1386-4D |
| 5                   | RHT-634-1422-05 | RHT-634-1386-05 |
| 5B                  | RHT-634-1422-5B | RHT-634-1386-5B |
| 6                   | RHT-634-1422-06 | RHT-634-1386-06 |
| 8                   | RHT-634-1422-08 | RHT-634-1386-08 |
| 12                  | RHT-634-1422-12 | RHT-634-1386-12 |
| 17                  | RHT-634-1422-17 | RHT-634-1386-17 |

## M12 Panel Mount Receptacle, Front Fastened, PCB Type, Straight

## M12 Panel Mount Receptacle, Rear Fastened, PCB Type, Straight



### Specification

|                             |      |   |   |    |   |     |
|-----------------------------|------|---|---|----|---|-----|
| Number of positions         | 2    | 3 | 4 | 4D | 5 | 5B  |
| Insert arrangement (Female) |      |   |   |    |   |     |
| Insert arrangement (Male)   |      |   |   |    |   |     |
| Rated current               | 4A   |   |   |    |   | 60V |
| Rated voltage               | 250V |   |   |    |   | 60V |

|                             |   |   |    |    |
|-----------------------------|---|---|----|----|
| Number of positions         | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |    |    |
| Insert arrangement (Male)   |   |   |    |    |

|                       |                      |      |
|-----------------------|----------------------|------|
| Rated current         | 2A                   | 1.5A |
| Rated voltage         | 30V                  |      |
| Insulation resistance | ≥100MΩ               |      |
| Contact resistance    | ≤5mΩ                 |      |
| Temperature range     | -25 C ~ +80 C        |      |
| Protection rating     | IP67(Mated)          |      |
| Body material         | Brass, Nickel Plated |      |
| Insulation material   | PA66+GF              |      |
| Contact termination   | PCB Solder           |      |
| Contact material      | Brass, Gold Plated   |      |
| Seal                  | NBR, Black           |      |
| Shielding             | Unshielded           |      |
| Mating cycles         | ≥500                 |      |

### Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-1355-02 | RHT-634-1314-02 |
| 3                   | RHT-634-1355-03 | RHT-634-1314-03 |
| 4                   | RHT-634-1355-04 | RHT-634-1314-04 |
| 4D                  | RHT-634-1355-4D | RHT-634-1314-4D |
| 5                   | RHT-634-1355-05 | RHT-634-1314-05 |
| 5B                  | RHT-634-1355-5B | RHT-634-1314-5B |
| 6                   | RHT-634-1355-06 | RHT-634-1314-06 |
| 8                   | RHT-634-1355-08 | RHT-634-1314-08 |
| 12                  | RHT-634-1355-12 | RHT-634-1314-12 |
| 17                  | RHT-634-1355-17 | RHT-634-1314-17 |

### Specification

|                             |      |   |   |    |   |     |
|-----------------------------|------|---|---|----|---|-----|
| Number of positions         | 2    | 3 | 4 | 4D | 5 | 5B  |
| Insert arrangement (Female) |      |   |   |    |   |     |
| Insert arrangement (Male)   |      |   |   |    |   |     |
| Rated current               | 4A   |   |   |    |   | 60V |
| Rated voltage               | 250V |   |   |    |   | 60V |

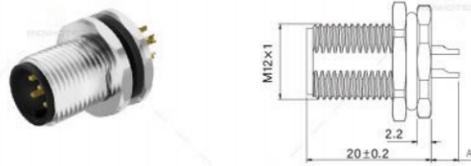
|                             |   |   |    |    |
|-----------------------------|---|---|----|----|
| Number of positions         | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |    |    |
| Insert arrangement (Male)   |   |   |    |    |

|                       |                      |      |
|-----------------------|----------------------|------|
| Rated current         | 2A                   | 1.5A |
| Rated voltage         | 30V                  |      |
| Insulation resistance | ≥100MΩ               |      |
| Contact resistance    | ≤5mΩ                 |      |
| Temperature range     | -25 C ~ +80 C        |      |
| Protection rating     | IP67(Mated)          |      |
| Body material         | Brass, Nickel Plated |      |
| Insulation material   | PA66+GF              |      |
| Contact termination   | PCB Solder           |      |
| Contact material      | Brass, Gold Plated   |      |
| Seal                  | NBR, Black           |      |
| Shielding             | Unshielded           |      |
| Mating cycles         | ≥500                 |      |

### Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-1337-02 | RHT-634-1306-02 |
| 3                   | RHT-634-1337-03 | RHT-634-1306-03 |
| 4                   | RHT-634-1337-04 | RHT-634-1306-04 |
| 4D                  | RHT-634-1337-4D | RHT-634-1306-4D |
| 5                   | RHT-634-1337-05 | RHT-634-1306-05 |
| 5B                  | RHT-634-1337-5B | RHT-634-1306-5B |
| 6                   | RHT-634-1337-06 | RHT-634-1306-06 |
| 8                   | RHT-634-1337-08 | RHT-634-1306-08 |
| 12                  | RHT-634-1337-12 | RHT-634-1306-12 |
| 17                  | RHT-634-1337-17 | RHT-634-1306-17 |

# M12 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight



## Specification

|                             |                           |   |                           |    |   |     |
|-----------------------------|---------------------------|---|---------------------------|----|---|-----|
| Number of positions         | 2                         | 3 | 4                         | 4D | 5 | 5B  |
| Insert arrangement (Female) |                           |   |                           |    |   |     |
| Insert arrangement (Male)   |                           |   |                           |    |   |     |
| Rated current               | 4A                        |   |                           |    |   | 60V |
| Rated voltage               | 250V                      |   |                           |    |   | 60V |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |   |                           |    |   |     |
| Number of positions         | 6                         | 8 | 12                        | 17 |   |     |
| Insert arrangement (Female) |                           |   |                           |    |   |     |
| Insert arrangement (Male)   |                           |   |                           |    |   |     |
| Rated current               | 2A                        |   | 1.5A                      |    |   |     |
| Rated voltage               | 30V                       |   |                           |    |   |     |
| Wire gauge                  | 24AWG/0.25mm <sup>2</sup> |   | 26AWG/0.14mm <sup>2</sup> |    |   |     |
| Insulation resistance       | ≥100MΩ                    |   |                           |    |   |     |
| Contact resistance          | ≤5mΩ                      |   |                           |    |   |     |
| Temperature range           | -25 C ~ +80 C             |   |                           |    |   |     |
| Protection rating           | IP67(Mated)               |   |                           |    |   |     |
| Body material               | Brass, Nickel Plated      |   |                           |    |   |     |
| Insulation material         | PA66+GF                   |   |                           |    |   |     |
| Contact termination         | Solder Cup                |   |                           |    |   |     |
| Contact material            | Brass, Gold Plated        |   |                           |    |   |     |
| Seal                        | NBR, Black                |   |                           |    |   |     |
| Shielding                   | Unshielded                |   |                           |    |   |     |
| Mating cycles               | ≥500                      |   |                           |    |   |     |

## Part Number

| Number of positions | Male            |
|---------------------|-----------------|
| 2                   | RHT-634-3423-02 |
| 3                   | RHT-634-3423-03 |
| 4                   | RHT-634-3423-04 |
| 4D                  | RHT-634-3423-4D |
| 5                   | RHT-634-3423-05 |
| 5B                  | RHT-634-3423-5B |
| 6                   | RHT-634-3423-06 |
| 8                   | RHT-634-3423-08 |
| 12                  | RHT-634-3423-12 |
| 17                  | RHT-634-3423-17 |

# M12 Panel Mount Receptacle, Rear Fastened, Solder Cup, Straight



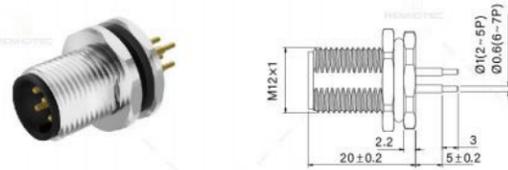
## Specification

|                             |                           |   |                           |    |   |     |
|-----------------------------|---------------------------|---|---------------------------|----|---|-----|
| Number of positions         | 2                         | 3 | 4                         | 4D | 5 | 5B  |
| Insert arrangement (Female) |                           |   |                           |    |   |     |
| Insert arrangement (Male)   |                           |   |                           |    |   |     |
| Rated current               | 4A                        |   |                           |    |   | 60V |
| Rated voltage               | 250V                      |   |                           |    |   | 60V |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |   |                           |    |   |     |
| Number of positions         | 6                         | 8 | 12                        | 17 |   |     |
| Insert arrangement (Female) |                           |   |                           |    |   |     |
| Insert arrangement (Male)   |                           |   |                           |    |   |     |
| Rated current               | 2A                        |   | 1.5A                      |    |   |     |
| Rated voltage               | 30V                       |   |                           |    |   |     |
| Wire gauge                  | 24AWG/0.25mm <sup>2</sup> |   | 26AWG/0.14mm <sup>2</sup> |    |   |     |
| Insulation resistance       | ≥100MΩ                    |   |                           |    |   |     |
| Contact resistance          | ≤5mΩ                      |   |                           |    |   |     |
| Temperature range           | -25 C ~ +80 C             |   |                           |    |   |     |
| Protection rating           | IP67(Mated)               |   |                           |    |   |     |
| Body material               | Brass, Nickel Plated      |   |                           |    |   |     |
| Insulation material         | PA66+GF                   |   |                           |    |   |     |
| Contact termination         | Solder Cup                |   |                           |    |   |     |
| Contact material            | Brass, Gold Plated        |   |                           |    |   |     |
| Seal                        | NBR, Black                |   |                           |    |   |     |
| Shielding                   | Unshielded                |   |                           |    |   |     |
| Mating cycles               | ≥500                      |   |                           |    |   |     |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-3245-02 | RHT-634-3189-02 |
| 3                   | RHT-634-3245-03 | RHT-634-3189-03 |
| 4                   | RHT-634-3245-04 | RHT-634-3189-04 |
| 4D                  | RHT-634-3245-4D | RHT-634-3189-4D |
| 5                   | RHT-634-3245-05 | RHT-634-3189-05 |
| 5B                  | RHT-634-3245-5B | RHT-634-3189-5B |
| 6                   | RHT-634-3245-06 | RHT-634-3189-06 |
| 8                   | RHT-634-3245-08 | RHT-634-3189-08 |
| 12                  | RHT-634-3245-12 | RHT-634-3189-12 |
| 17                  | RHT-634-3245-17 | RHT-634-3189-17 |

# M12 Panel Mount Receptacle, Front Fastened, PCB Type, Straight



## Specification

|                             |      |   |   |     |   |    |
|-----------------------------|------|---|---|-----|---|----|
| Number of positions         | 2    | 3 | 4 | 4D  | 5 | 5B |
| Insert arrangement (Female) |      |   |   |     |   |    |
| Insert arrangement (Male)   |      |   |   |     |   |    |
| Rated current               | 4A   |   |   |     |   |    |
| Rated voltage               | 250V |   |   | 60V |   |    |

|                             |   |   |    |
|-----------------------------|---|---|----|
| Number of positions         | 6 | 8 | 12 |
| Insert arrangement (Female) |   |   |    |
| Insert arrangement (Male)   |   |   |    |

|                       |                      |      |
|-----------------------|----------------------|------|
| Rated current         | 2A                   | 1.5A |
| Rated voltage         | 30V                  |      |
| Insulation resistance | ≥100MΩ               |      |
| Contact resistance    | ≤5mΩ                 |      |
| Temperature range     | -25 C ~ +80 C        |      |
| Protection rating     | IP67(Mated)          |      |
| Body material         | Brass, Nickel Plated |      |
| Insulation material   | PA66+GF              |      |
| Contact termination   | PCB Solder           |      |
| Contact material      | Brass, Gold Plated   |      |
| Seal                  | NBR, Black           |      |
| Shielding             | Unshielded           |      |
| Mating cycles         | ≥500                 |      |

## Part Number

| Number of positions | Male            |
|---------------------|-----------------|
| 2                   | RHT-634-3154-02 |
| 3                   | RHT-634-3154-03 |
| 4                   | RHT-634-3154-04 |
| 4D                  | RHT-634-3154-4D |
| 5                   | RHT-634-3154-05 |
| 5B                  | RHT-634-3154-5B |
| 6                   | RHT-634-3154-06 |
| 8                   | RHT-634-3154-08 |
| 12                  | RHT-634-3154-12 |

# M12 Panel Mount Receptacle, Flange Fastened, Solder Cup, Straight



## Specification

|                             |               |   |   |     |   |    |
|-----------------------------|---------------|---|---|-----|---|----|
| Number of positions         | 2             | 3 | 4 | 4D  | 5 | 5B |
| Insert arrangement (Female) |               |   |   |     |   |    |
| Insert arrangement (Male)   |               |   |   |     |   |    |
| Rated current               | 4A            |   |   |     |   |    |
| Rated voltage               | 250V          |   |   | 60V |   |    |
| Wire gauge                  | 22AWG/0.34mm² |   |   |     |   |    |

|                             |   |   |    |    |
|-----------------------------|---|---|----|----|
| Number of positions         | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |    |    |
| Insert arrangement (Male)   |   |   |    |    |

|                       |                      |               |
|-----------------------|----------------------|---------------|
| Rated current         | 2A                   | 1.5A          |
| Rated voltage         | 30V                  |               |
| Wire gauge            | 24AWG/0.25mm²        | 26AWG/0.14mm² |
| Insulation resistance | ≥100MΩ               |               |
| Contact resistance    | ≤5mΩ                 |               |
| Temperature range     | -25 C ~ +80 C        |               |
| Protection rating     | IP67(Mated)          |               |
| Body material         | Brass, Nickel Plated |               |
| Insulation material   | PA66+GF              |               |
| Contact termination   | Solder Cup           |               |
| Contact material      | Brass, Gold Plated   |               |
| Seal                  | NBR, Black           |               |
| Shielding             | Unshielded           |               |
| Mating cycles         | ≥500                 |               |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-1423-02 | RHT-634-1185-02 |
| 3                   | RHT-634-1423-03 | RHT-634-1185-03 |
| 4                   | RHT-634-1423-04 | RHT-634-1185-04 |
| 4D                  | RHT-634-1423-4D | RHT-634-1185-4D |
| 5                   | RHT-634-1423-05 | RHT-634-1185-05 |
| 5B                  | RHT-634-1423-5B | RHT-634-1185-5B |
| 6                   | RHT-634-1423-06 | RHT-634-1185-06 |
| 8                   | RHT-634-1423-08 | RHT-634-1185-08 |
| 12                  | RHT-634-1423-12 | RHT-634-1185-12 |
| 17                  | RHT-634-1423-17 | RHT-634-1185-17 |

# M12 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight, M16x1.5



CE RoHS

CE RoHS

## Specification

|                             |                           |   |   |    |   |     |
|-----------------------------|---------------------------|---|---|----|---|-----|
| Number of positions         | 2                         | 3 | 4 | 4D | 5 | 5B  |
| Insert arrangement (Female) |                           |   |   |    |   |     |
| Insert arrangement (Male)   |                           |   |   |    |   |     |
| Rated current               | 4A                        |   |   |    |   |     |
| Rated voltage               | 250V                      |   |   |    |   | 60V |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |   |   |    |   |     |

|                             |   |   |    |    |
|-----------------------------|---|---|----|----|
| Number of positions         | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |    |    |
| Insert arrangement (Male)   |   |   |    |    |

|                       |                           |                           |
|-----------------------|---------------------------|---------------------------|
| Rated current         | 2A                        | 1.5A                      |
| Rated voltage         | 30V                       |                           |
| Wire gauge            | 24AWG/0.25mm <sup>2</sup> | 26AWG/0.14mm <sup>2</sup> |
| Insulation resistance | ≥100MΩ                    |                           |
| Contact resistance    | ≤5mΩ                      |                           |
| Temperature range     | -25 C ~ +80 C             |                           |
| Protection rating     | IP67(Mated)               |                           |
| Body material         | Brass, Nickel Plated      |                           |
| Insulation material   | PA66+GF                   |                           |
| Contact termination   | Solder Cup                |                           |
| Contact material      | Brass, Gold Plated        |                           |
| Seal                  | NBR, Black                |                           |
| Shielding             | Unshielded                |                           |
| Mating cycles         | ≥500                      |                           |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-3065-02 | RHT-634-3064-02 |
| 3                   | RHT-634-3065-03 | RHT-634-3064-03 |
| 4                   | RHT-634-3065-04 | RHT-634-3064-04 |
| 4D                  | RHT-634-3065-4D | RHT-634-3064-4D |
| 5                   | RHT-634-3065-05 | RHT-634-3064-05 |
| 5B                  | RHT-634-3065-5B | RHT-634-3064-5B |
| 6                   | RHT-634-3065-06 | RHT-634-3064-06 |
| 8                   | RHT-634-3065-08 | RHT-634-3064-08 |
| 12                  | RHT-634-3065-12 | RHT-634-3064-12 |
| 17                  | RHT-634-3065-17 | RHT-634-3064-17 |

# M12 Panel Mount Receptacle, Rear Fastened, Solder Cup, Straight, M16x1.5



CE RoHS

CE RoHS

## Specification

|                             |                           |   |   |    |   |     |
|-----------------------------|---------------------------|---|---|----|---|-----|
| Number of positions         | 2                         | 3 | 4 | 4D | 5 | 5B  |
| Insert arrangement (Female) |                           |   |   |    |   |     |
| Insert arrangement (Male)   |                           |   |   |    |   |     |
| Rated current               | 4A                        |   |   |    |   |     |
| Rated voltage               | 250V                      |   |   |    |   | 60V |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |   |   |    |   |     |

|                             |   |   |    |    |
|-----------------------------|---|---|----|----|
| Number of positions         | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |    |    |
| Insert arrangement (Male)   |   |   |    |    |

|                       |                           |                           |
|-----------------------|---------------------------|---------------------------|
| Rated current         | 2A                        | 1.5A                      |
| Rated voltage         | 30V                       |                           |
| Wire gauge            | 24AWG/0.25mm <sup>2</sup> | 26AWG/0.14mm <sup>2</sup> |
| Insulation resistance | ≥100MΩ                    |                           |
| Contact resistance    | ≤5mΩ                      |                           |
| Temperature range     | -25 C ~ +80 C             |                           |
| Protection rating     | IP67(Mated)               |                           |
| Body material         | Brass, Nickel Plated      |                           |
| Insulation material   | PA66+GF                   |                           |
| Contact termination   | Solder Cup                |                           |
| Contact material      | Brass, Gold Plated        |                           |
| Seal                  | NBR, Black                |                           |
| Shielding             | Unshielded                |                           |
| Mating cycles         | ≥500                      |                           |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-3067-02 | RHT-634-3066-02 |
| 3                   | RHT-634-3067-03 | RHT-634-3066-03 |
| 4                   | RHT-634-3067-04 | RHT-634-3066-04 |
| 4D                  | RHT-634-3067-4D | RHT-634-3066-4D |
| 5                   | RHT-634-3067-05 | RHT-634-3066-05 |
| 5B                  | RHT-634-3067-5B | RHT-634-3066-5B |
| 6                   | RHT-634-3067-06 | RHT-634-3066-06 |
| 8                   | RHT-634-3067-08 | RHT-634-3066-08 |
| 12                  | RHT-634-3067-12 | RHT-634-3066-12 |
| 17                  | RHT-634-3067-17 | RHT-634-3066-17 |

# M12 Panel Mount Receptacle, Front Fastened, PCB Type, M16x1.5



CE RoHS

CE RoHS

## Specification

|                             |      |   |   |     |   |    |
|-----------------------------|------|---|---|-----|---|----|
| Number of positions         | 2    | 3 | 4 | 4D  | 5 | 5B |
| Insert arrangement (Female) |      |   |   |     |   |    |
| Insert arrangement (Male)   |      |   |   |     |   |    |
| Rated current               | 4A   |   |   |     |   |    |
| Rated voltage               | 250V |   |   | 60V |   |    |

|                             |   |   |    |    |
|-----------------------------|---|---|----|----|
| Number of positions         | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |    |    |
| Insert arrangement (Male)   |   |   |    |    |

|                       |                      |      |
|-----------------------|----------------------|------|
| Rated current         | 2A                   | 1.5A |
| Rated voltage         | 30V                  |      |
| Insulation resistance | ≥100MΩ               |      |
| Contact resistance    | ≤5mΩ                 |      |
| Temperature range     | -25 C ~ +80 C        |      |
| Protection rating     | IP67(Mated)          |      |
| Body material         | Brass, Nickel Plated |      |
| Insulation material   | PA66+GF              |      |
| Contact termination   | PCB Solder           |      |
| Contact material      | Brass, Gold Plated   |      |
| Seal                  | NBR, Black           |      |
| Shielding             | Unshielded           |      |
| Mating cycles         | ≥500                 |      |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-3069-02 | RHT-634-3068-02 |
| 3                   | RHT-634-3069-03 | RHT-634-3068-03 |
| 4                   | RHT-634-3069-04 | RHT-634-3068-04 |
| 4D                  | RHT-634-3069-4D | RHT-634-3068-4D |
| 5                   | RHT-634-3069-05 | RHT-634-3068-05 |
| 5B                  | RHT-634-3069-5B | RHT-634-3068-5B |
| 6                   | RHT-634-3069-06 | RHT-634-3068-06 |
| 8                   | RHT-634-3069-08 | RHT-634-3068-08 |
| 12                  | RHT-634-3069-12 | RHT-634-3068-12 |
| 17                  | RHT-634-3069-17 | RHT-634-3068-17 |

# M12 Panel Mount Receptacle, Rear Fastened, PCB Type, Straight, M16x1.5



CE RoHS

CE RoHS

## Specification

|                             |      |   |   |     |   |    |
|-----------------------------|------|---|---|-----|---|----|
| Number of positions         | 2    | 3 | 4 | 4D  | 5 | 5B |
| Insert arrangement (Female) |      |   |   |     |   |    |
| Insert arrangement (Male)   |      |   |   |     |   |    |
| Rated current               | 4A   |   |   |     |   |    |
| Rated voltage               | 250V |   |   | 60V |   |    |

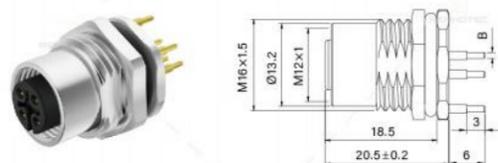
|                             |   |   |    |    |
|-----------------------------|---|---|----|----|
| Number of positions         | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |    |    |
| Insert arrangement (Male)   |   |   |    |    |

|                       |                      |      |
|-----------------------|----------------------|------|
| Rated current         | 2A                   | 1.5A |
| Rated voltage         | 30V                  |      |
| Insulation resistance | ≥100MΩ               |      |
| Contact resistance    | ≤5mΩ                 |      |
| Temperature range     | -25 C ~ +80 C        |      |
| Protection rating     | IP67(Mated)          |      |
| Body material         | Brass, Nickel Plated |      |
| Insulation material   | PA66+GF              |      |
| Contact termination   | PCB Solder           |      |
| Contact material      | Brass, Gold Plated   |      |
| Seal                  | NBR, Black           |      |
| Shielding             | Unshielded           |      |
| Mating cycles         | ≥500                 |      |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-3077-02 | RHT-634-3076-02 |
| 3                   | RHT-634-3077-03 | RHT-634-3076-03 |
| 4                   | RHT-634-3077-04 | RHT-634-3076-04 |
| 4D                  | RHT-634-3077-4D | RHT-634-3076-4D |
| 5                   | RHT-634-3077-05 | RHT-634-3076-05 |
| 5B                  | RHT-634-3077-5B | RHT-634-3076-5B |
| 6                   | RHT-634-3077-06 | RHT-634-3076-06 |
| 8                   | RHT-634-3077-08 | RHT-634-3076-08 |
| 12                  | RHT-634-3077-12 | RHT-634-3076-12 |
| 17                  | RHT-634-3077-17 | RHT-634-3076-17 |

## M12 Panel Mount Receptacle, Front Fastened, PCB Type, with Ground Pin, M16x1.5



### Specification

|                             |      |   |   |    |   |     |
|-----------------------------|------|---|---|----|---|-----|
| Number of positions         | 2    | 3 | 4 | 4D | 5 | 5B  |
| Insert arrangement (Female) |      |   |   |    |   |     |
| Insert arrangement (Male)   |      |   |   |    |   |     |
| Rated current               | 4A   |   |   |    |   |     |
| Rated voltage               | 250V |   |   |    |   | 60V |

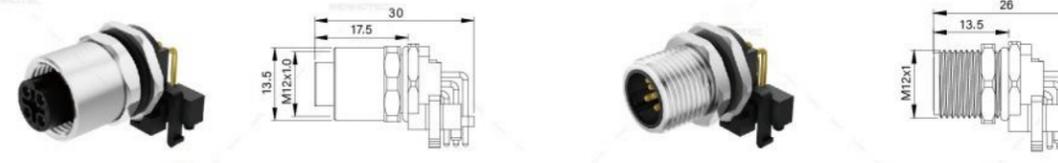
|                             |   |   |    |    |
|-----------------------------|---|---|----|----|
| Number of positions         | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |    |    |
| Insert arrangement (Male)   |   |   |    |    |

|                       |                      |      |
|-----------------------|----------------------|------|
| Rated current         | 2A                   | 1.5A |
| Rated voltage         | 30V                  |      |
| Insulation resistance | ≥100MΩ               |      |
| Contact resistance    | ≤5mΩ                 |      |
| Temperature range     | -25°C ~ +80°C        |      |
| Protection rating     | IP67(Mated)          |      |
| Body material         | Brass, Nickel Plated |      |
| Insulation material   | PA66+GF              |      |
| Contact termination   | PCB Solder           |      |
| Contact material      | Brass, Gold Plated   |      |
| Seal                  | NBR, Black           |      |
| Shielding             | Shielded             |      |
| Mating cycles         | ≥500                 |      |

### Part Number

| Number of positions | Female          |
|---------------------|-----------------|
| 2                   | RHT-634-3224-02 |
| 3                   | RHT-634-3224-03 |
| 4                   | RHT-634-3224-04 |
| 4D                  | RHT-634-3224-4D |
| 5                   | RHT-634-3224-05 |
| 5B                  | RHT-634-3224-5B |
| 6                   | RHT-634-3224-06 |
| 8                   | RHT-634-3224-08 |
| 12                  | RHT-634-3224-12 |
| 17                  | RHT-634-3224-17 |

## M12 Panel Mount Receptacle, Front Fastened, PCB Type, Angled



### Specification

|                             |      |   |   |    |   |     |
|-----------------------------|------|---|---|----|---|-----|
| Number of positions         | 2    | 3 | 4 | 4D | 5 | 5B  |
| Insert arrangement (Female) |      |   |   |    |   |     |
| Insert arrangement (Male)   |      |   |   |    |   |     |
| Rated current               | 4A   |   |   |    |   |     |
| Rated voltage               | 250V |   |   |    |   | 60V |

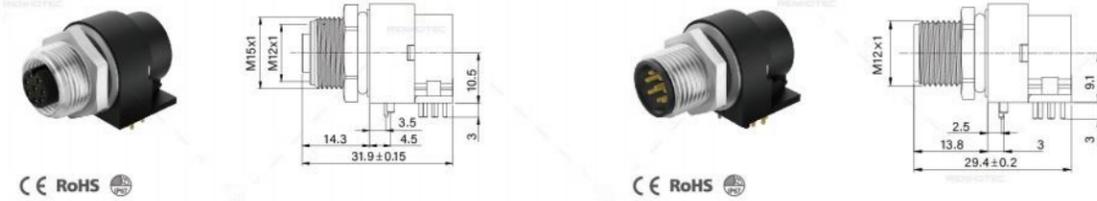
|                             |   |   |    |
|-----------------------------|---|---|----|
| Number of positions         | 6 | 8 | 12 |
| Insert arrangement (Female) |   |   |    |
| Insert arrangement (Male)   |   |   |    |

|                       |                      |      |
|-----------------------|----------------------|------|
| Rated current         | 2A                   | 1.5A |
| Rated voltage         | 30V                  |      |
| Insulation resistance | ≥100MΩ               |      |
| Contact resistance    | ≤5mΩ                 |      |
| Temperature range     | -25°C ~ +80°C        |      |
| Protection rating     | IP67(Mated)          |      |
| Body material         | Brass, Nickel Plated |      |
| Insulation material   | PA66+GF              |      |
| Contact termination   | PCB Solder           |      |
| Contact material      | Brass, Gold Plated   |      |
| Seal                  | NBR, Black           |      |
| Shielding             | Unshielded           |      |
| Mating cycles         | ≥500                 |      |

### Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-3392-02 | RHT-634-3391-02 |
| 3                   | RHT-634-3392-03 | RHT-634-3391-03 |
| 4                   | RHT-634-3392-04 | RHT-634-3391-04 |
| 4D                  | RHT-634-3392-4D | RHT-634-3391-4D |
| 5                   | RHT-634-3392-05 | RHT-634-3391-05 |
| 5B                  | RHT-634-3392-5B | RHT-634-3391-5B |
| 6                   | RHT-634-3392-06 | RHT-634-3391-06 |
| 8                   | RHT-634-3392-08 | RHT-634-3391-08 |
| 12                  | RHT-634-3392-12 | RHT-634-3391-12 |

# M12 Panel Mount Receptacle, Front Fastened, PCB Type, Angled



CE RoHS

CE RoHS

## Specification

|                             |      |   |   |     |   |    |
|-----------------------------|------|---|---|-----|---|----|
| Number of positions         | 2    | 3 | 4 | 4D  | 5 | 5B |
| Insert arrangement (Female) |      |   |   |     |   |    |
| Insert arrangement (Male)   |      |   |   |     |   |    |
| Rated current               | 4A   |   |   |     |   |    |
| Rated voltage               | 250V |   |   | 60V |   |    |

|                             |   |   |    |    |
|-----------------------------|---|---|----|----|
| Number of positions         | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |    |    |
| Insert arrangement (Male)   |   |   |    |    |

|                       |                    |      |
|-----------------------|--------------------|------|
| Rated current         | 2A                 | 1.5A |
| Rated voltage         | 30V                |      |
| Insulation resistance | ≥100MΩ             |      |
| Contact resistance    | ≤5mΩ               |      |
| Temperature range     | -25°C ~ +80°C      |      |
| Protection rating     | IP67 (Mated)       |      |
| Body material         | PA66+GF            |      |
| Insulation material   | PA66+GF            |      |
| Contact termination   | PCB Solder         |      |
| Contact material      | Brass, Gold Plated |      |
| Seal                  | NBR, Black         |      |
| Shielding             | Shielded           |      |
| Mating cycles         | ≥500               |      |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-3531-02 | RHT-634-3530-02 |
| 3                   | RHT-634-3531-03 | RHT-634-3530-03 |
| 4                   | RHT-634-3531-04 | RHT-634-3530-04 |
| 4D                  | RHT-634-3531-4D | RHT-634-3530-4D |
| 5                   | RHT-634-3531-05 | RHT-634-3530-05 |
| 5B                  | RHT-634-3531-5B | RHT-634-3530-5B |
| 6                   | RHT-634-3531-06 | RHT-634-3530-06 |
| 8                   | RHT-634-3531-08 | RHT-634-3530-08 |
| 12                  | RHT-634-3531-12 | RHT-634-3530-12 |
| 17                  | RHT-634-3531-17 | RHT-634-3530-17 |

# M12 Panel Mount Receptacle, Front Fastened, PCB Type, Angled



CE RoHS

CE RoHS

## Specification

|                             |      |   |   |     |   |    |
|-----------------------------|------|---|---|-----|---|----|
| Number of positions         | 2    | 3 | 4 | 4D  | 5 | 5B |
| Insert arrangement (Female) |      |   |   |     |   |    |
| Insert arrangement (Male)   |      |   |   |     |   |    |
| Rated current               | 4A   |   |   |     |   |    |
| Rated voltage               | 250V |   |   | 60V |   |    |

|                             |   |   |
|-----------------------------|---|---|
| Number of positions         | 6 | 8 |
| Insert arrangement (Female) |   |   |
| Insert arrangement (Male)   |   |   |

|                       |                      |
|-----------------------|----------------------|
| Rated current         | 2A                   |
| Rated voltage         | 30V                  |
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -25°C ~ +80°C        |
| Protection rating     | IP67 (Mated)         |
| Body material         | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact termination   | PCB Solder           |
| Contact material      | Brass, Gold Plated   |
| Seal                  | FKM                  |
| Shielding             | Shielded             |
| Mating cycles         | ≥500                 |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-3266-02 | RHT-634-3200-02 |
| 3                   | RHT-634-3266-03 | RHT-634-3200-03 |
| 4                   | RHT-634-3266-04 | RHT-634-3200-04 |
| 4D                  | RHT-634-3266-4D | RHT-634-3200-4D |
| 5                   | RHT-634-3266-05 | RHT-634-3200-05 |
| 5B                  | RHT-634-3266-5B | RHT-634-3200-5B |
| 6                   | RHT-634-3266-06 | RHT-634-3200-06 |
| 8                   | RHT-634-3266-08 | RHT-634-3200-08 |

# M12 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight, M12x1, Plastic



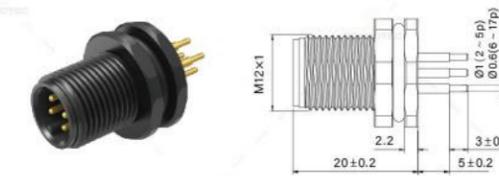
## Specification

|                             |                           |   |                           |     |   |    |
|-----------------------------|---------------------------|---|---------------------------|-----|---|----|
| Number of positions         | 2                         | 3 | 4                         | 4D  | 5 | 5B |
| Insert arrangement (Female) |                           |   |                           |     |   |    |
| Insert arrangement (Male)   |                           |   |                           |     |   |    |
| Rated current               | 4A                        |   |                           |     |   |    |
| Rated voltage               | 250V                      |   |                           | 60V |   |    |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |   |                           |     |   |    |
| Number of positions         | 6                         | 8 | 12                        | 17  |   |    |
| Insert arrangement (Female) |                           |   |                           |     |   |    |
| Insert arrangement (Male)   |                           |   |                           |     |   |    |
| Rated current               | 2A                        |   | 1.5A                      |     |   |    |
| Rated voltage               | 30V                       |   |                           |     |   |    |
| Wire gauge                  | 24AWG/0.25mm <sup>2</sup> |   | 26AWG/0.14mm <sup>2</sup> |     |   |    |
| Insulation resistance       | ≥100MΩ                    |   |                           |     |   |    |
| Contact resistance          | ≤5mΩ                      |   |                           |     |   |    |
| Temperature range           | -25 C ~ +80 C             |   |                           |     |   |    |
| Protection rating           | IP67 (Mated)              |   |                           |     |   |    |
| Body material               | PA66+GF                   |   |                           |     |   |    |
| Insulation material         | PA66+GF                   |   |                           |     |   |    |
| Contact termination         | Solder Cup                |   |                           |     |   |    |
| Contact material            | Brass, Gold Plated        |   |                           |     |   |    |
| Seal                        | NBR, Black                |   |                           |     |   |    |
| Shielding                   | Unshielded                |   |                           |     |   |    |
| Mating cycles               | ≥500                      |   |                           |     |   |    |

## Part Number

| Number of positions | Male            |
|---------------------|-----------------|
| 2                   | RHT-634-3309-02 |
| 3                   | RHT-634-3309-03 |
| 4                   | RHT-634-3309-04 |
| 4D                  | RHT-634-3309-4D |
| 5                   | RHT-634-3309-05 |
| 5B                  | RHT-634-3309-5B |
| 6                   | RHT-634-3309-06 |
| 8                   | RHT-634-3309-08 |
| 12                  | RHT-634-3309-12 |
| 17                  | RHT-634-3309-17 |

# M12 Panel Mount Receptacle, Front Fastened, PCB Type, Straight, M12x1, Plastic



## Specification

|                             |                    |   |      |     |   |    |
|-----------------------------|--------------------|---|------|-----|---|----|
| Number of positions         | 2                  | 3 | 4    | 4D  | 5 | 5B |
| Insert arrangement (Female) |                    |   |      |     |   |    |
| Insert arrangement (Male)   |                    |   |      |     |   |    |
| Rated current               | 4A                 |   |      |     |   |    |
| Rated voltage               | 250V               |   |      | 60V |   |    |
| Number of positions         | 6                  | 8 | 12   | 17  |   |    |
| Insert arrangement (Female) |                    |   |      |     |   |    |
| Insert arrangement (Male)   |                    |   |      |     |   |    |
| Rated current               | 2A                 |   | 1.5A |     |   |    |
| Rated voltage               | 30V                |   |      |     |   |    |
| Insulation resistance       | ≥100MΩ             |   |      |     |   |    |
| Contact resistance          | ≤5mΩ               |   |      |     |   |    |
| Temperature range           | -25 C ~ +80 C      |   |      |     |   |    |
| Protection rating           | IP67 (Mated)       |   |      |     |   |    |
| Body material               | PA66+GF            |   |      |     |   |    |
| Insulation material         | PA66+GF            |   |      |     |   |    |
| Contact termination         | PCB Solder         |   |      |     |   |    |
| Contact material            | Brass, Gold Plated |   |      |     |   |    |
| Seal                        | NBR, Black         |   |      |     |   |    |
| Shielding                   | Unshielded         |   |      |     |   |    |
| Mating cycles               | ≥500               |   |      |     |   |    |

## Part Number

| Number of positions | Male            |
|---------------------|-----------------|
| 2                   | RHT-634-3308-02 |
| 3                   | RHT-634-3308-03 |
| 4                   | RHT-634-3308-04 |
| 4D                  | RHT-634-3308-4D |
| 5                   | RHT-634-3308-05 |
| 5B                  | RHT-634-3308-5B |
| 6                   | RHT-634-3308-06 |
| 8                   | RHT-634-3308-08 |
| 12                  | RHT-634-3308-12 |
| 17                  | RHT-634-3308-17 |

## M12 Panel Mount Receptacle, Rear Fastened, Solder Cup, Straight, M15x1, Plastic

## M12 Panel Mount Receptacle, Front Fastened, PCB Type, M15x1, Plastic



CE RoHS

CE RoHS

### Specification

|                             |                           |   |   |     |   |    |
|-----------------------------|---------------------------|---|---|-----|---|----|
| Number of positions         | 2                         | 3 | 4 | 4D  | 5 | 5B |
| Insert arrangement (Female) |                           |   |   |     |   |    |
| Insert arrangement (Male)   |                           |   |   |     |   |    |
| Rated current               | 4A                        |   |   |     |   |    |
| Rated voltage               | 250V                      |   |   | 60V |   |    |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |   |   |     |   |    |

|                             |   |   |    |    |
|-----------------------------|---|---|----|----|
| Number of positions         | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |    |    |
| Insert arrangement (Male)   |   |   |    |    |

|                       |                           |                           |
|-----------------------|---------------------------|---------------------------|
| Rated current         | 2A                        | 1.5A                      |
| Rated voltage         | 30V                       |                           |
| Wire gauge            | 24AWG/0.25mm <sup>2</sup> | 26AWG/0.14mm <sup>2</sup> |
| Insulation resistance | ≥100MΩ                    |                           |
| Contact resistance    | ≤5mΩ                      |                           |
| Temperature range     | -25 C ~ +80 C             |                           |
| Protection rating     | IP67(Mated)               |                           |
| Body material         | PA66+GF                   |                           |
| Insulation material   | PA66+GF                   |                           |
| Contact termination   | Solder Cup                |                           |
| Contact material      | Brass, Gold Plated        |                           |
| Seal                  | NBR, Black                |                           |
| Shielding             | Unshielded                |                           |
| Mating cycles         | ≥500                      |                           |

### Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 2                   | RHT-634-3124-02 | RHT-634-3255-02 |
| 3                   | RHT-634-3124-03 | RHT-634-3255-03 |
| 4                   | RHT-634-3124-04 | RHT-634-3255-04 |
| 4D                  | RHT-634-3124-4D | RHT-634-3255-4D |
| 5                   | RHT-634-3124-05 | RHT-634-3255-05 |
| 5B                  | RHT-634-3124-5B | RHT-634-3255-5B |
| 6                   | RHT-634-3124-06 | RHT-634-3255-06 |
| 8                   | RHT-634-3124-08 | RHT-634-3255-08 |
| 12                  | RHT-634-3124-12 | RHT-634-3255-12 |
| 17                  | RHT-634-3124-17 | RHT-634-3255-17 |



CE RoHS

### Specification

|                             |      |   |   |     |   |    |
|-----------------------------|------|---|---|-----|---|----|
| Number of positions         | 2    | 3 | 4 | 4D  | 5 | 5B |
| Insert arrangement (Female) |      |   |   |     |   |    |
| Insert arrangement (Male)   |      |   |   |     |   |    |
| Rated current               | 4A   |   |   |     |   |    |
| Rated voltage               | 250V |   |   | 60V |   |    |

|                             |   |   |    |    |
|-----------------------------|---|---|----|----|
| Number of positions         | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |    |    |
| Insert arrangement (Male)   |   |   |    |    |

|                       |                    |      |
|-----------------------|--------------------|------|
| Rated current         | 2A                 | 1.5A |
| Rated voltage         | 30V                |      |
| Insulation resistance | ≥100MΩ             |      |
| Contact resistance    | ≤5mΩ               |      |
| Temperature range     | -25 C ~ +80 C      |      |
| Protection rating     | IP67(Mated)        |      |
| Body material         | PA66+GF            |      |
| Insulation material   | PA66+GF            |      |
| Contact termination   | PCB Solder         |      |
| Contact material      | Brass, Gold Plated |      |
| Seal                  | NBR, Black         |      |
| Shielding             | Unshielded         |      |
| Mating cycles         | ≥500               |      |

### Part Number

| Number of positions | Female          |
|---------------------|-----------------|
| 2                   | RHT-634-3239-02 |
| 3                   | RHT-634-3239-03 |
| 4                   | RHT-634-3239-04 |
| 4D                  | RHT-634-3239-4D |
| 5                   | RHT-634-3239-05 |
| 5B                  | RHT-634-3239-5B |
| 6                   | RHT-634-3239-06 |
| 8                   | RHT-634-3239-08 |
| 12                  | RHT-634-3239-12 |
| 17                  | RHT-634-3239-17 |

# M12 Panel Mount Receptacle, Front Fastened, PCB Type, Angled, Plastic



## Specification

| Number of positions         | 2                  | 3 | 4    | 4D | 5 | 5B  |
|-----------------------------|--------------------|---|------|----|---|-----|
| Insert arrangement (Female) |                    |   |      |    |   |     |
| Insert arrangement (Male)   |                    |   |      |    |   |     |
| Rated current               | 4A                 |   |      |    |   |     |
| Rated voltage               | 250V               |   |      |    |   | 60V |
| Number of positions         | 6                  | 8 | 12   | 17 |   |     |
| Insert arrangement (Female) |                    |   |      |    |   |     |
| Insert arrangement (Male)   |                    |   |      |    |   |     |
| Rated current               | 2A                 |   | 1.5A |    |   |     |
| Rated voltage               | 30V                |   |      |    |   |     |
| Insulation resistance       | ≥100MΩ             |   |      |    |   |     |
| Contact resistance          | ≤5mΩ               |   |      |    |   |     |
| Temperature range           | -25°C ~ +80°C      |   |      |    |   |     |
| Protection rating           | IP67 (Mated)       |   |      |    |   |     |
| Body material               | PA66+GF            |   |      |    |   |     |
| Insulation material         | PA66+GF            |   |      |    |   |     |
| Contact termination         | PCB Solder         |   |      |    |   |     |
| Contact material            | Brass, Gold Plated |   |      |    |   |     |
| Seal                        | NBR, Black         |   |      |    |   |     |
| Shielding                   | Unshielded         |   |      |    |   |     |
| Mating cycles               | ≥500               |   |      |    |   |     |

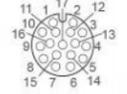
## Part Number

| Number of positions | Male            |
|---------------------|-----------------|
| 2                   | RHT-634-3515-02 |
| 3                   | RHT-634-3515-03 |
| 4                   | RHT-634-3515-04 |
| 4D                  | RHT-634-3515-4D |
| 5                   | RHT-634-3515-05 |
| 5B                  | RHT-634-3515-5B |
| 6                   | RHT-634-3515-06 |
| 8                   | RHT-634-3515-08 |
| 12                  | RHT-634-3515-12 |
| 17                  | RHT-634-3515-17 |

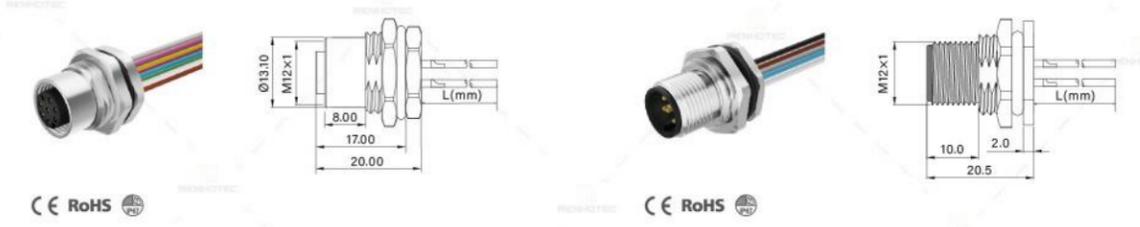
# M12 Wiring

| Female Contact | Rated current | Rated voltage | Wire gauge |      | Contacts  | Wire Colours and Sequences  | Male Contact |
|----------------|---------------|---------------|------------|------|---|---|--------------|
|                |               |               | AWG        | mm²  |   |   |              |
|                | 4A            | 250V          | 22         | 0.34 | 1<br>3  | (2Pin)<br>BN<br>BU  |              |
|                | 4A            | 250V          | 22         | 0.34 | 1<br>3<br>4   | (3Pin)<br>BN<br>BU<br>BK  |              |
|                | 4A            | 250V          | 22         | 0.34 | 1<br>2<br>3<br>4  | (4Pin)<br>BN<br>WH<br>BU<br>BK  |              |
|                | 4A            | 60V           | 22         | 0.34 | 1<br>2<br>3<br>4<br>5                                       | (5Pin)<br>BN<br>WH<br>BU<br>BK<br>GY  |              |
|                | 2A            | 30V           | 24         | 0.25 | 1<br>2<br>3<br>4<br>6<br>7                                  | (6Pin)<br>BN<br>WH<br>BU<br>BK<br>GY<br>PK  |              |
|                | 2A            | 30V           | 24         | 0.25 | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8                        | (8Pin)<br>WH<br>BN<br>GN<br>YE<br>GY<br>PK<br>BU<br>RD                                |              |
|                | 1.5A          | 30V           | 26         | 0.14 | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12 | (12Pin)<br>BN<br>BU<br>WH<br>GN<br>PK<br>YE<br>BK<br>GY<br>RD<br>VT<br>GY/PK<br>RD/BU |              |

# M12 Wiring

| Female Contact  | Wiring Colours and Sequences |               |            |                 | Male Contact |          |                         |
|---|------------------------------|---------------|------------|-----------------|--------------|----------|-------------------------|
|   | Rated current                | Rated voltage | Wire gauge |                 |              | Contacts | Wire Colours<br>(17Pin) |
|   |                              |               | AWG        | mm <sup>2</sup> |              |          |                         |
|  | 1.5A                         | 30V           | 26         | 0.14            | 1            | BN       |                         |
|   |                              |               |            |                 | 2            | BU       |                         |
|   |                              |               |            |                 | 3            | WH       |                         |
|   |                              |               |            |                 | 4            | GN       |                         |
|   |                              |               |            |                 | 5            | PK       |                         |
|   |                              |               |            |                 | 6            | YE       |                         |
|   |                              |               |            |                 | 7            | BK       |                         |
|   |                              |               |            |                 | 8            | GY       |                         |
|   |                              |               |            |                 | 9            | RD       |                         |
|   |                              |               |            |                 | 10           | VT       |                         |
|   |                              |               |            |                 | 11           | OR       |                         |
|   |                              |               |            |                 | 12           | LTGN     |                         |
|   |                              |               |            |                 | 13           | LTBU     |                         |
|   |                              |               |            |                 | 14           | BK/WH    |                         |
|   |                              |               |            |                 | 15           | BN/WH    |                         |
|   |                              |               |            |                 | 16           | RD/WH    |                         |
|   |                              |               |            |                 | 17           | BU/WH    |                         |

# M12 Panel Mount Receptacle with Wires, Front Fastened, Straight



## Specification

| Number of positions         | 2 | 3 | 4 | 4D | 5 | 5B | 6 | 8 | 12 | 17 |
|-----------------------------|---|---|---|----|---|----|---|---|----|----|
| Insert arrangement (Female) |   |   |   |    |   |    |   |   |    |    |
| Insert arrangement (Male)   |   |   |   |    |   |    |   |   |    |    |

|                       |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -40 C ~ +85 C        |
| Protection rating     | IP67 (Mated)         |
| Body material         | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact termination   | Solder Cup           |
| Contact material      | Brass, Gold Plated   |
| Wire material         | PVC                  |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

## Part Number

| Number of positions | Wire Length | Female              | Male                |
|---------------------|-------------|---------------------|---------------------|
| 2                   | 0.3m        | RHT-634-1390-02-030 | RHT-634-1322-02-030 |
|                     | Customized  | RHT-634-1390-02-XXX | RHT-634-1322-02-XXX |
| 3                   | 0.3m        | RHT-634-1390-03-030 | RHT-634-1322-03-030 |
|                     | Customized  | RHT-634-1390-03-XXX | RHT-634-1322-03-XXX |
| 4                   | 0.3m        | RHT-634-1390-04-030 | RHT-634-1322-04-030 |
|                     | Customized  | RHT-634-1390-04-XXX | RHT-634-1322-04-XXX |
| 4D                  | 0.3m        | RHT-634-1390-4D-030 | RHT-634-1322-4D-030 |
|                     | Customized  | RHT-634-1390-4D-XXX | RHT-634-1322-4D-XXX |
| 5                   | 0.3m        | RHT-634-1390-05-030 | RHT-634-1322-05-030 |
|                     | Customized  | RHT-634-1390-05-XXX | RHT-634-1322-05-XXX |
| 5B                  | 0.3m        | RHT-634-1390-5B-030 | RHT-634-1322-5B-030 |
|                     | Customized  | RHT-634-1390-5B-XXX | RHT-634-1322-5B-XXX |
| 6                   | 0.3m        | RHT-634-1390-06-030 | RHT-634-1322-06-030 |
|                     | Customized  | RHT-634-1390-06-XXX | RHT-634-1322-06-XXX |
| 8                   | 0.3m        | RHT-634-1390-08-030 | RHT-634-1322-08-030 |
|                     | Customized  | RHT-634-1390-08-XXX | RHT-634-1322-08-XXX |
| 12                  | 0.3m        | RHT-634-1390-12-030 | RHT-634-1322-12-030 |
|                     | Customized  | RHT-634-1390-12-XXX | RHT-634-1322-12-XXX |
| 17                  | 0.3m        | RHT-634-1390-17-030 | RHT-634-1322-17-030 |
|                     | Customized  | RHT-634-1390-17-XXX | RHT-634-1322-17-XXX |

## M12 Panel Mount Receptacle with Wires, Rear Fastened, Straight



CE RoHS

CE RoHS

### Specification

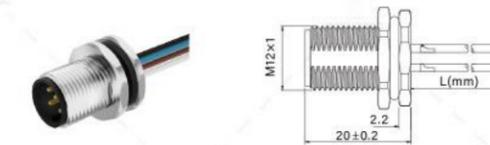
|                             |   |   |   |    |   |    |   |   |    |    |
|-----------------------------|---|---|---|----|---|----|---|---|----|----|
| Number of positions         | 2 | 3 | 4 | 4D | 5 | 5B | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |   |    |   |    |   |   |    |    |
| Insert arrangement (Male)   |   |   |   |    |   |    |   |   |    |    |

|                       |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -40 C ~ +85 C        |
| Protection rating     | IP67(Mated)          |
| Body material         | Brass, Nickel Plated |
| Screw nut material    | PA66+GF              |
| Insulation material   | Solder Cup           |
| Contact material      | Brass, Gold Plated   |
| Wire material         | PVC                  |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

### Part Number

| Number of positions | Wire Length | Female              | Male                |
|---------------------|-------------|---------------------|---------------------|
| 2                   | 0.3m        | RHT-634-1422-02-030 | RHT-634-1386-02-030 |
|                     | Customized  | RHT-634-1422-02-XXX | RHT-634-1386-02-XXX |
| 3                   | 0.3m        | RHT-634-1422-03-030 | RHT-634-1386-03-030 |
|                     | Customized  | RHT-634-1422-03-XXX | RHT-634-1386-03-XXX |
| 4                   | 0.3m        | RHT-634-1422-04-030 | RHT-634-1386-04-030 |
|                     | Customized  | RHT-634-1422-04-XXX | RHT-634-1386-04-XXX |
| 4D                  | 0.3m        | RHT-634-1422-4D-030 | RHT-634-1386-4D-030 |
|                     | Customized  | RHT-634-1422-4D-XXX | RHT-634-1386-4D-XXX |
| 5                   | 0.3m        | RHT-634-1422-05-030 | RHT-634-1386-05-030 |
|                     | Customized  | RHT-634-1422-05-XXX | RHT-634-1386-05-XXX |
| 5B                  | 0.3m        | RHT-634-1422-5B-030 | RHT-634-1386-5B-030 |
|                     | Customized  | RHT-634-1422-5B-XXX | RHT-634-1386-5B-XXX |
| 6                   | 0.3m        | RHT-634-1422-06-030 | RHT-634-1386-06-030 |
|                     | Customized  | RHT-634-1422-06-XXX | RHT-634-1386-06-XXX |
| 8                   | 0.3m        | RHT-634-1422-08-030 | RHT-634-1386-08-030 |
|                     | Customized  | RHT-634-1422-08-XXX | RHT-634-1386-08-XXX |
| 12                  | 0.3m        | RHT-634-1422-12-030 | RHT-634-1386-12-030 |
|                     | Customized  | RHT-634-1422-12-XXX | RHT-634-1386-12-XXX |
| 17                  | 0.3m        | RHT-634-1422-17-030 | RHT-634-1386-17-030 |
|                     | Customized  | RHT-634-1422-17-XXX | RHT-634-1386-17-XXX |

## M12 Panel Mount Receptacle with Wires, Front Fastened, Straight



CE RoHS

### Specification

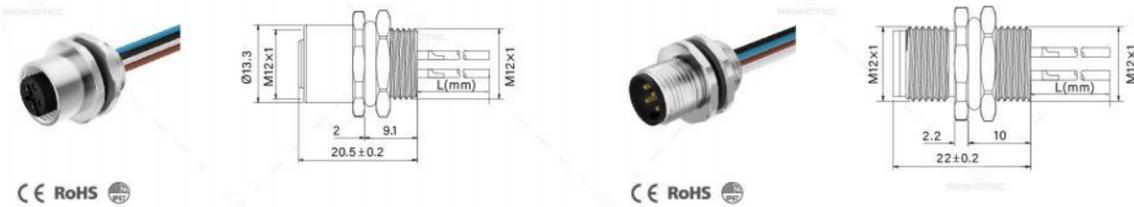
|                             |   |   |   |    |   |    |   |   |    |    |
|-----------------------------|---|---|---|----|---|----|---|---|----|----|
| Number of positions         | 2 | 3 | 4 | 4D | 5 | 5B | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |   |    |   |    |   |   |    |    |
| Insert arrangement (Male)   |   |   |   |    |   |    |   |   |    |    |

|                       |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -40 C ~ +85 C        |
| Protection rating     | IP67(Mated)          |
| Body material         | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact termination   | Solder Cup           |
| Contact material      | Brass, Gold Plated   |
| Wire material         | PVC                  |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

### Part Number

| Number of positions | Wire Length | Male                |
|---------------------|-------------|---------------------|
| 2                   | 0.3m        | RHT-634-3423-02-030 |
|                     | Customized  | RHT-634-3423-02-XXX |
| 3                   | 0.3m        | RHT-634-3423-03-030 |
|                     | Customized  | RHT-634-3423-03-XXX |
| 4                   | 0.3m        | RHT-634-3423-04-030 |
|                     | Customized  | RHT-634-3423-04-XXX |
| 4D                  | 0.3m        | RHT-634-3423-4D-030 |
|                     | Customized  | RHT-634-3423-4D-XXX |
| 5                   | 0.3m        | RHT-634-3423-05-030 |
|                     | Customized  | RHT-634-3423-05-XXX |
| 5B                  | 0.3m        | RHT-634-3423-5B-030 |
|                     | Customized  | RHT-634-3423-5B-XXX |
| 6                   | 0.3m        | RHT-634-3423-06-030 |
|                     | Customized  | RHT-634-3423-06-XXX |
| 8                   | 0.3m        | RHT-634-3423-08-030 |
|                     | Customized  | RHT-634-3423-08-XXX |
| 12                  | 0.3m        | RHT-634-3423-12-030 |
|                     | Customized  | RHT-634-3423-12-XXX |
| 17                  | 0.3m        | RHT-634-3423-17-030 |
|                     | Customized  | RHT-634-3423-17-XXX |

## M12 Panel Mount Receptacle with Wires, Rear Fastened, Straight



CE RoHS

CE RoHS

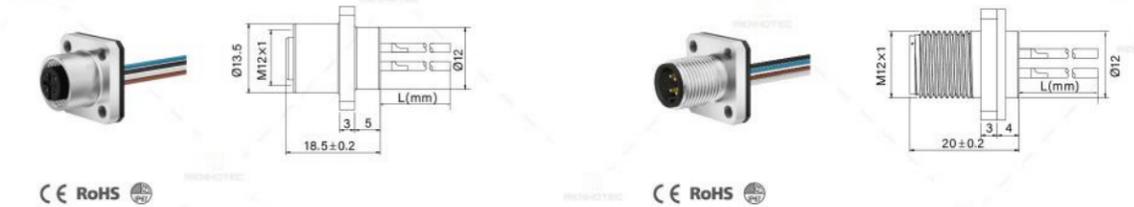
### Specification

|                             |                      |   |   |    |   |    |   |   |    |    |
|-----------------------------|----------------------|---|---|----|---|----|---|---|----|----|
| Number of positions         | 2                    | 3 | 4 | 4D | 5 | 5B | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |                      |   |   |    |   |    |   |   |    |    |
| Insert arrangement (Male)   |                      |   |   |    |   |    |   |   |    |    |
| Insulation resistance       | ≥100MΩ               |   |   |    |   |    |   |   |    |    |
| Contact resistance          | ≤5mΩ                 |   |   |    |   |    |   |   |    |    |
| Temperature range           | -40°C ~ +85°C        |   |   |    |   |    |   |   |    |    |
| Protection rating           | IP67(Mated)          |   |   |    |   |    |   |   |    |    |
| Body material               | Brass, Nickel Plated |   |   |    |   |    |   |   |    |    |
| Insulation material         | PA66+GF              |   |   |    |   |    |   |   |    |    |
| Contact termination         | Solder Cup           |   |   |    |   |    |   |   |    |    |
| Contact material            | Brass, Gold Plated   |   |   |    |   |    |   |   |    |    |
| Wire material               | PVC                  |   |   |    |   |    |   |   |    |    |
| Seal                        | NBR, Black           |   |   |    |   |    |   |   |    |    |
| Shielding                   | Unshielded           |   |   |    |   |    |   |   |    |    |
| Mating cycles               | ≥500                 |   |   |    |   |    |   |   |    |    |

### Part Number

| Number of positions | Wire Length | Female              | Male                |
|---------------------|-------------|---------------------|---------------------|
| 2                   | 0.3m        | RHT-634-3245-02-030 | RHT-634-3189-02-030 |
|                     | Customized  | RHT-634-3245-02-XXX | RHT-634-3189-02-XXX |
| 3                   | 0.3m        | RHT-634-3245-03-030 | RHT-634-3189-03-030 |
|                     | Customized  | RHT-634-3245-03-XXX | RHT-634-3189-03-XXX |
| 4                   | 0.3m        | RHT-634-3245-04-030 | RHT-634-3189-04-030 |
|                     | Customized  | RHT-634-3245-04-XXX | RHT-634-3189-04-XXX |
| 4D                  | 0.3m        | RHT-634-3245-4D-030 | RHT-634-3189-4D-030 |
|                     | Customized  | RHT-634-3245-4D-XXX | RHT-634-3189-4D-XXX |
| 5                   | 0.3m        | RHT-634-3245-05-030 | RHT-634-3189-05-030 |
|                     | Customized  | RHT-634-3245-05-XXX | RHT-634-3189-05-XXX |
| 5B                  | 0.3m        | RHT-634-3245-5B-030 | RHT-634-3189-5B-030 |
|                     | Customized  | RHT-634-3245-5B-XXX | RHT-634-3189-5B-XXX |
| 6                   | 0.3m        | RHT-634-3245-06-030 | RHT-634-3189-06-030 |
|                     | Customized  | RHT-634-3245-06-XXX | RHT-634-3189-06-XXX |
| 8                   | 0.3m        | RHT-634-3245-08-030 | RHT-634-3189-08-030 |
|                     | Customized  | RHT-634-3245-08-XXX | RHT-634-3189-08-XXX |
| 12                  | 0.3m        | RHT-634-3245-12-030 | RHT-634-3189-12-030 |
|                     | Customized  | RHT-634-3245-12-XXX | RHT-634-3189-12-XXX |
| 17                  | 0.3m        | RHT-634-3245-17-030 | RHT-634-3189-17-030 |
|                     | Customized  | RHT-634-3245-17-XXX | RHT-634-3189-17-XXX |

## M12 Panel Mount Receptacle with Wires, Flange Fastened, Straight



CE RoHS

CE RoHS

### Specification

|                             |                      |   |   |    |   |    |   |   |    |    |
|-----------------------------|----------------------|---|---|----|---|----|---|---|----|----|
| Number of positions         | 2                    | 3 | 4 | 4D | 5 | 5B | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |                      |   |   |    |   |    |   |   |    |    |
| Insert arrangement (Male)   |                      |   |   |    |   |    |   |   |    |    |
| Insulation resistance       | ≥100MΩ               |   |   |    |   |    |   |   |    |    |
| Contact resistance          | ≤5mΩ                 |   |   |    |   |    |   |   |    |    |
| Temperature range           | -40°C ~ +85°C        |   |   |    |   |    |   |   |    |    |
| Protection rating           | IP67(Mated)          |   |   |    |   |    |   |   |    |    |
| Body material               | Brass, Nickel Plated |   |   |    |   |    |   |   |    |    |
| Insulation material         | PA66+GF              |   |   |    |   |    |   |   |    |    |
| Contact termination         | Solder Cup           |   |   |    |   |    |   |   |    |    |
| Contact material            | Brass, Gold Plated   |   |   |    |   |    |   |   |    |    |
| Wire material               | PVC                  |   |   |    |   |    |   |   |    |    |
| Seal                        | NBR, Black           |   |   |    |   |    |   |   |    |    |
| Shielding                   | Unshielded           |   |   |    |   |    |   |   |    |    |
| Mating cycles               | ≥500                 |   |   |    |   |    |   |   |    |    |

### Part Number

| Number of positions | Wire Length | Female              | Male                |
|---------------------|-------------|---------------------|---------------------|
| 2                   | 0.3m        | RHT-634-1423-02-030 | RHT-634-1185-02-030 |
|                     | Customized  | RHT-634-1423-02-XXX | RHT-634-1185-02-XXX |
| 3                   | 0.3m        | RHT-634-1423-03-030 | RHT-634-1185-03-030 |
|                     | Customized  | RHT-634-1423-03-XXX | RHT-634-1185-03-XXX |
| 4                   | 0.3m        | RHT-634-1423-04-030 | RHT-634-1185-04-030 |
|                     | Customized  | RHT-634-1423-04-XXX | RHT-634-1185-04-XXX |
| 4D                  | 0.3m        | RHT-634-1423-4D-030 | RHT-634-1185-4D-030 |
|                     | Customized  | RHT-634-1423-4D-XXX | RHT-634-1185-4D-XXX |
| 5                   | 0.3m        | RHT-634-1423-05-030 | RHT-634-1185-05-030 |
|                     | Customized  | RHT-634-1423-05-XXX | RHT-634-1185-05-XXX |
| 5B                  | 0.3m        | RHT-634-1423-5B-030 | RHT-634-1185-5B-030 |
|                     | Customized  | RHT-634-1423-5B-XXX | RHT-634-1185-5B-XXX |
| 6                   | 0.3m        | RHT-634-1423-06-030 | RHT-634-1185-06-030 |
|                     | Customized  | RHT-634-1423-06-XXX | RHT-634-1185-06-XXX |
| 8                   | 0.3m        | RHT-634-1423-08-030 | RHT-634-1185-08-030 |
|                     | Customized  | RHT-634-1423-08-XXX | RHT-634-1185-08-XXX |
| 12                  | 0.3m        | RHT-634-1423-12-030 | RHT-634-1185-12-030 |
|                     | Customized  | RHT-634-1423-12-XXX | RHT-634-1185-12-XXX |
| 17                  | 0.3m        | RHT-634-1423-17-030 | RHT-634-1185-17-030 |
|                     | Customized  | RHT-634-1423-17-XXX | RHT-634-1185-17-XXX |

# M12 Panel Mount Receptacle with Wires, Front Fastened, Straight



CE RoHS

CE RoHS

## Specification

|                             |   |   |   |    |   |    |   |   |    |    |
|-----------------------------|---|---|---|----|---|----|---|---|----|----|
| Number of positions         | 2 | 3 | 4 | 4D | 5 | 5B | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |   |    |   |    |   |   |    |    |
| Insert arrangement (Male)   |   |   |   |    |   |    |   |   |    |    |

|                       |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -40°C ~ +85°C        |
| Protection rating     | IP67(Mated)          |
| Body material         | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact termination   | Solder Cup           |
| Contact material      | Brass, Gold Plated   |
| Wire material         | PVC                  |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

## Part Number

| Number of positions | Wire Length | Female              | Male                |
|---------------------|-------------|---------------------|---------------------|
| 2                   | 0.3m        | RHT-634-3065-02-030 | RHT-634-3064-02-030 |
|                     | Customized  | RHT-634-3065-02-XXX | RHT-634-3064-02-XXX |
| 3                   | 0.3m        | RHT-634-3065-03-030 | RHT-634-3064-03-030 |
|                     | Customized  | RHT-634-3065-03-XXX | RHT-634-3064-03-XXX |
| 4                   | 0.3m        | RHT-634-3065-04-030 | RHT-634-3064-04-030 |
|                     | Customized  | RHT-634-3065-04-XXX | RHT-634-3064-04-XXX |
| 4D                  | 0.3m        | RHT-634-3065-4D-030 | RHT-634-3064-4D-030 |
|                     | Customized  | RHT-634-3065-4D-XXX | RHT-634-3064-4D-XXX |
| 5                   | 0.3m        | RHT-634-3065-05-030 | RHT-634-3064-05-030 |
|                     | Customized  | RHT-634-3065-05-XXX | RHT-634-3064-05-XXX |
| 5B                  | 0.3m        | RHT-634-3065-5B-030 | RHT-634-3064-5B-030 |
|                     | Customized  | RHT-634-3065-5B-XXX | RHT-634-3064-5B-XXX |
| 6                   | 0.3m        | RHT-634-3065-06-030 | RHT-634-3064-06-030 |
|                     | Customized  | RHT-634-3065-06-XXX | RHT-634-3064-06-XXX |
| 8                   | 0.3m        | RHT-634-3065-08-030 | RHT-634-3064-08-030 |
|                     | Customized  | RHT-634-3065-08-XXX | RHT-634-3064-08-XXX |
| 12                  | 0.3m        | RHT-634-3065-12-030 | RHT-634-3064-12-030 |
|                     | Customized  | RHT-634-3065-12-XXX | RHT-634-3064-12-XXX |
| 17                  | 0.3m        | RHT-634-3065-17-030 | RHT-634-3064-17-030 |
|                     | Customized  | RHT-634-3065-17-XXX | RHT-634-3064-17-XXX |

# M12 Panel Mount Receptacle with Wires, Rear Fastened, Straight



CE RoHS

CE RoHS

## Specification

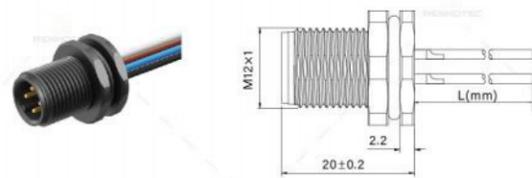
|                             |   |   |   |    |   |    |   |   |    |    |
|-----------------------------|---|---|---|----|---|----|---|---|----|----|
| Number of positions         | 2 | 3 | 4 | 4D | 5 | 5B | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |   |    |   |    |   |   |    |    |
| Insert arrangement (Male)   |   |   |   |    |   |    |   |   |    |    |

|                       |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -40°C ~ +85°C        |
| Protection rating     | IP67(Mated)          |
| Body material         | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact termination   | Solder Cup           |
| Contact material      | Brass, Gold Plated   |
| Wire material         | PVC                  |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

## Part Number

| Number of positions | Wire Length | Female              | Male                |
|---------------------|-------------|---------------------|---------------------|
| 2                   | 0.3m        | RHT-634-3067-02-030 | RHT-634-3066-02-030 |
|                     | Customized  | RHT-634-3067-02-XXX | RHT-634-3066-02-XXX |
| 3                   | 0.3m        | RHT-634-3067-03-030 | RHT-634-3066-03-030 |
|                     | Customized  | RHT-634-3067-03-XXX | RHT-634-3066-03-XXX |
| 4                   | 0.3m        | RHT-634-3067-04-030 | RHT-634-3066-04-030 |
|                     | Customized  | RHT-634-3067-04-XXX | RHT-634-3066-04-XXX |
| 4D                  | 0.3m        | RHT-634-3067-4D-030 | RHT-634-3066-4D-030 |
|                     | Customized  | RHT-634-3067-4D-XXX | RHT-634-3066-4D-XXX |
| 5                   | 0.3m        | RHT-634-3067-05-030 | RHT-634-3066-05-030 |
|                     | Customized  | RHT-634-3067-05-XXX | RHT-634-3066-05-XXX |
| 5B                  | 0.3m        | RHT-634-3067-5B-030 | RHT-634-3066-5B-030 |
|                     | Customized  | RHT-634-3067-5B-XXX | RHT-634-3066-5B-XXX |
| 6                   | 0.3m        | RHT-634-3067-06-030 | RHT-634-3066-06-030 |
|                     | Customized  | RHT-634-3067-06-XXX | RHT-634-3066-06-XXX |
| 8                   | 0.3m        | RHT-634-3067-08-030 | RHT-634-3066-08-030 |
|                     | Customized  | RHT-634-3067-08-XXX | RHT-634-3066-08-XXX |
| 12                  | 0.3m        | RHT-634-3067-12-030 | RHT-634-3066-12-030 |
|                     | Customized  | RHT-634-3067-12-XXX | RHT-634-3066-12-XXX |
| 17                  | 0.3m        | RHT-634-3067-17-030 | RHT-634-3066-17-030 |
|                     | Customized  | RHT-634-3067-17-XXX | RHT-634-3066-17-XXX |

# M12 Panel Mount Receptacle with Wires, Front Fastened, Straight, Plastic



### Specification

|                             |   |   |   |    |   |    |   |   |    |    |
|-----------------------------|---|---|---|----|---|----|---|---|----|----|
| Number of positions         | 2 | 3 | 4 | 4D | 5 | 5B | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |   |    |   |    |   |   |    |    |
| Insert arrangement (Male)   |   |   |   |    |   |    |   |   |    |    |

|                       |                    |
|-----------------------|--------------------|
| Insulation resistance | ≥100MΩ             |
| Contact resistance    | ≤5mΩ               |
| Temperature range     | -40 C ~ +85 C      |
| Protection rating     | IP67(Mated)        |
| Body material         | PA66+GF            |
| Insulation material   | PA66+GF            |
| Contact termination   | Solder Cup         |
| Contact material      | Brass, Gold Plated |
| Wire material         | PVC                |
| Seal                  | NBR, Black         |
| Shielding             | Unshielded         |
| Mating cycles         | ≥500               |

### Part Number

| Number of positions | Wire Length | Male                |
|---------------------|-------------|---------------------|
| 2                   | 0.3m        | RHT-634-3309-02-030 |
|                     | Customized  | RHT-634-3309-02-XXX |
| 3                   | 0.3m        | RHT-634-3309-03-030 |
|                     | Customized  | RHT-634-3309-03-XXX |
| 4                   | 0.3m        | RHT-634-3309-04-030 |
|                     | Customized  | RHT-634-3309-04-XXX |
| 4D                  | 0.3m        | RHT-634-3309-4D-030 |
|                     | Customized  | RHT-634-3309-4D-XXX |
| 5                   | 0.3m        | RHT-634-3309-05-030 |
|                     | Customized  | RHT-634-3309-05-XXX |
| 5B                  | 0.3m        | RHT-634-3309-5B-030 |
|                     | Customized  | RHT-634-3309-5B-XXX |
| 6                   | 0.3m        | RHT-634-3309-06-030 |
|                     | Customized  | RHT-634-3309-06-XXX |
| 8                   | 0.3m        | RHT-634-3309-08-030 |
|                     | Customized  | RHT-634-3309-08-XXX |
| 12                  | 0.3m        | RHT-634-3309-12-030 |
|                     | Customized  | RHT-634-3309-12-XXX |
| 17                  | 0.3m        | RHT-634-3309-17-030 |
|                     | Customized  | RHT-634-3309-17-XXX |

# M12 Panel Mount Receptacle with Wires, Rear Fastened, Straight, Plastic



### Specification

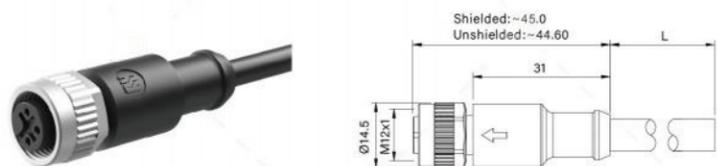
|                             |   |   |   |    |   |    |   |   |    |    |
|-----------------------------|---|---|---|----|---|----|---|---|----|----|
| Number of positions         | 2 | 3 | 4 | 4D | 5 | 5B | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |   |    |   |    |   |   |    |    |
| Insert arrangement (Male)   |   |   |   |    |   |    |   |   |    |    |

|                       |                    |
|-----------------------|--------------------|
| Insulation resistance | ≥100MΩ             |
| Contact resistance    | ≤5mΩ               |
| Temperature range     | -40 C ~ +85 C      |
| Protection rating     | IP67(Mated)        |
| Body material         | PA66+GF            |
| Insulation material   | PA66+GF            |
| Contact termination   | Solder Cup         |
| Contact material      | Brass, Gold Plated |
| Wire material         | PVC                |
| Seal                  | NBR, Black         |
| Shielding             | Unshielded         |
| Mating cycles         | ≥500               |

### Part Number

| Number of positions | Wire Length | Female              | Male                |
|---------------------|-------------|---------------------|---------------------|
| 2                   | 0.3m        | RHT-634-3124-02-030 | RHT-634-3255-02-030 |
|                     | Customized  | RHT-634-3124-02-XXX | RHT-634-3255-02-XXX |
| 3                   | 0.3m        | RHT-634-3124-03-030 | RHT-634-3255-03-030 |
|                     | Customized  | RHT-634-3124-03-XXX | RHT-634-3255-03-XXX |
| 4                   | 0.3m        | RHT-634-3124-04-030 | RHT-634-3255-04-030 |
|                     | Customized  | RHT-634-3124-04-XXX | RHT-634-3255-04-XXX |
| 4D                  | 0.3m        | RHT-634-3124-4D-030 | RHT-634-3255-4D-030 |
|                     | Customized  | RHT-634-3124-4D-XXX | RHT-634-3255-4D-XXX |
| 5                   | 0.3m        | RHT-634-3124-05-030 | RHT-634-3255-05-030 |
|                     | Customized  | RHT-634-3124-05-XXX | RHT-634-3255-05-XXX |
| 5B                  | 0.3m        | RHT-634-3124-5B-030 | RHT-634-3255-5B-030 |
|                     | Customized  | RHT-634-3124-5B-XXX | RHT-634-3255-5B-XXX |
| 6                   | 0.3m        | RHT-634-3124-06-030 | RHT-634-3255-06-030 |
|                     | Customized  | RHT-634-3124-06-XXX | RHT-634-3255-06-XXX |
| 8                   | 0.3m        | RHT-634-3124-08-030 | RHT-634-3255-08-030 |
|                     | Customized  | RHT-634-3124-08-XXX | RHT-634-3255-08-XXX |
| 12                  | 0.3m        | RHT-634-3124-12-030 | RHT-634-3255-12-030 |
|                     | Customized  | RHT-634-3124-12-XXX | RHT-634-3255-12-XXX |
| 17                  | 0.3m        | RHT-634-3124-17-030 | RHT-634-3255-17-030 |
|                     | Customized  | RHT-634-3124-17-XXX | RHT-634-3255-17-XXX |

# M12 Single-ended Cable, Female Straight

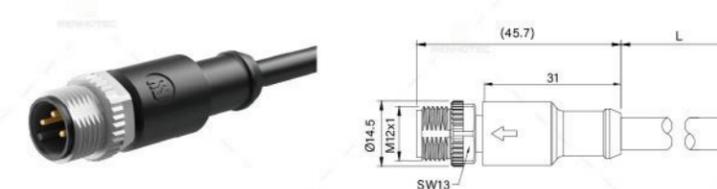


## Specification

|                             |                           |   |   |    |   |    |   |   |    |    |
|-----------------------------|---------------------------|---|---|----|---|----|---|---|----|----|
| Number of positions         | 2                         | 3 | 4 | 4D | 5 | 5B | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |                           |   |   |    |   |    |   |   |    |    |
| Insert arrangement (Male)   |                           |   |   |    |   |    |   |   |    |    |
| Insulation resistance       | ≥100MΩ                    |   |   |    |   |    |   |   |    |    |
| Contact resistance          | ≤5mΩ                      |   |   |    |   |    |   |   |    |    |
| Temperature range           | -25 C ~ +80 C             |   |   |    |   |    |   |   |    |    |
| Protection rating           | IP67(Mated)               |   |   |    |   |    |   |   |    |    |
| Over-molding material       | TPU/PVC                   |   |   |    |   |    |   |   |    |    |
| Screw nut material          | Zinc Alloy, Nickel Plated |   |   |    |   |    |   |   |    |    |
| Insulation material         | PA66+GF                   |   |   |    |   |    |   |   |    |    |
| Contact termination         | Solder Cup                |   |   |    |   |    |   |   |    |    |
| Contact material            | Brass, Gold Plated        |   |   |    |   |    |   |   |    |    |
| Cable material              | PVC/PUR/Customized        |   |   |    |   |    |   |   |    |    |
| Cable Colour                | Black/Customized          |   |   |    |   |    |   |   |    |    |
| Seal                        | FKM                       |   |   |    |   |    |   |   |    |    |
| Shielding                   | Unshielded/Shielded       |   |   |    |   |    |   |   |    |    |
| Mating cycles               | ≥500                      |   |   |    |   |    |   |   |    |    |

| Part Number         |              | Unshielded          |                     | Shielded            |                     |
|---------------------|--------------|---------------------|---------------------|---------------------|---------------------|
| Number of positions | Cable Length | PVC                 | PUR                 | PVC                 | PUR                 |
| 2                   | 1m           | RHT-M12002-02-C-100 | RHT-M12002-02-R-100 | RHT-M12006-02-C-100 | RHT-M12006-02-R-100 |
|                     | Customized   | RHT-M12002-02-C-XXX | RHT-M12002-02-R-XXX | RHT-M12006-02-C-XXX | RHT-M12006-02-R-XXX |
| 3                   | 1m           | RHT-M12002-03-C-100 | RHT-M12002-03-R-100 | RHT-M12006-03-C-100 | RHT-M12006-03-R-100 |
|                     | Customized   | RHT-M12002-03-C-XXX | RHT-M12002-03-R-XXX | RHT-M12006-03-C-XXX | RHT-M12006-03-R-XXX |
| 4                   | 1m           | RHT-M12002-04-C-100 | RHT-M12002-04-R-100 | RHT-M12006-04-C-100 | RHT-M12006-04-R-100 |
|                     | Customized   | RHT-M12002-04-C-XXX | RHT-M12002-04-R-XXX | RHT-M12006-04-C-XXX | RHT-M12006-04-R-XXX |
| 4D                  | 1m           | RHT-M12002-4D-C-100 | RHT-M12002-4D-R-100 | RHT-M12006-4D-C-100 | RHT-M12006-4D-R-100 |
|                     | Customized   | RHT-M12002-4D-C-XXX | RHT-M12002-4D-R-XXX | RHT-M12006-4D-C-XXX | RHT-M12006-4D-R-XXX |
| 5                   | 1m           | RHT-M12002-05-C-100 | RHT-M12002-05-R-100 | RHT-M12006-05-C-100 | RHT-M12006-05-R-100 |
|                     | Customized   | RHT-M12002-05-C-XXX | RHT-M12002-05-R-XXX | RHT-M12006-05-C-XXX | RHT-M12006-05-R-XXX |
| 5B                  | 1m           | RHT-M12002-5B-C-100 | RHT-M12002-5B-R-100 | RHT-M12006-5B-C-100 | RHT-M12006-5B-R-100 |
|                     | Customized   | RHT-M12002-5B-C-XXX | RHT-M12002-5B-R-XXX | RHT-M12006-5B-C-XXX | RHT-M12006-5B-R-XXX |
| 6                   | 1m           | RHT-M12002-06-C-100 | RHT-M12002-06-R-100 | RHT-M12006-06-C-100 | RHT-M12006-06-R-100 |
|                     | Customized   | RHT-M12002-06-C-XXX | RHT-M12002-06-R-XXX | RHT-M12006-06-C-XXX | RHT-M12006-06-R-XXX |
| 8                   | 1m           | RHT-M12002-08-C-100 | RHT-M12002-08-R-100 | RHT-M12006-08-C-100 | RHT-M12006-08-R-100 |
|                     | Customized   | RHT-M12002-08-C-XXX | RHT-M12002-08-R-XXX | RHT-M12006-08-C-XXX | RHT-M12006-08-R-XXX |
| 12                  | 1m           | RHT-M12002-12-C-100 | RHT-M12002-12-R-100 | RHT-M12006-12-C-100 | RHT-M12006-12-R-100 |
|                     | Customized   | RHT-M12002-12-C-XXX | RHT-M12002-12-R-XXX | RHT-M12006-12-C-XXX | RHT-M12006-12-R-XXX |
| 17                  | 1m           | RHT-M12002-17-C-100 | RHT-M12002-17-R-100 | RHT-M12006-17-C-100 | RHT-M12006-17-R-100 |
|                     | Customized   | RHT-M12002-17-C-XXX | RHT-M12002-17-R-XXX | RHT-M12006-17-C-XXX | RHT-M12006-17-R-XXX |

# M12 Single-ended Cable, Male Straight

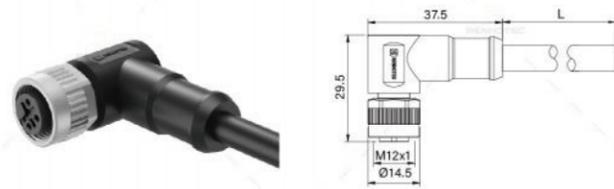


## Specification

|                             |                           |   |   |    |   |    |   |   |    |    |
|-----------------------------|---------------------------|---|---|----|---|----|---|---|----|----|
| Number of positions         | 2                         | 3 | 4 | 4D | 5 | 5B | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |                           |   |   |    |   |    |   |   |    |    |
| Insert arrangement (Male)   |                           |   |   |    |   |    |   |   |    |    |
| Insulation resistance       | ≥100MΩ                    |   |   |    |   |    |   |   |    |    |
| Contact resistance          | ≤5mΩ                      |   |   |    |   |    |   |   |    |    |
| Temperature range           | -25 C ~ +80 C             |   |   |    |   |    |   |   |    |    |
| Protection rating           | IP67(Mated)               |   |   |    |   |    |   |   |    |    |
| Over-molding material       | TPU/PVC                   |   |   |    |   |    |   |   |    |    |
| Screw nut material          | Zinc Alloy, Nickel Plated |   |   |    |   |    |   |   |    |    |
| Insulation material         | PA66+GF                   |   |   |    |   |    |   |   |    |    |
| Contact termination         | Solder Cup                |   |   |    |   |    |   |   |    |    |
| Contact material            | Brass, Gold Plated        |   |   |    |   |    |   |   |    |    |
| Cable material              | PVC/PUR/Customized        |   |   |    |   |    |   |   |    |    |
| Cable Colour                | Black/Customized          |   |   |    |   |    |   |   |    |    |
| Seal                        | FKM                       |   |   |    |   |    |   |   |    |    |
| Shielding                   | Unshielded/Shielded       |   |   |    |   |    |   |   |    |    |
| Mating cycles               | ≥500                      |   |   |    |   |    |   |   |    |    |

| Part Number         |              | Unshielded          |                     | Shielded            |                     |
|---------------------|--------------|---------------------|---------------------|---------------------|---------------------|
| Number of positions | Cable Length | PVC                 | PUR                 | PVC                 | PUR                 |
| 2                   | 1m           | RHT-M12001-02-C-100 | RHT-M12001-02-R-100 | RHT-M12005-02-C-100 | RHT-M12005-02-R-100 |
|                     | Customized   | RHT-M12001-02-C-XXX | RHT-M12001-02-R-XXX | RHT-M12005-02-C-XXX | RHT-M12005-02-R-XXX |
| 3                   | 1m           | RHT-M12001-03-C-100 | RHT-M12001-03-R-100 | RHT-M12005-03-C-100 | RHT-M12005-03-R-100 |
|                     | Customized   | RHT-M12001-03-C-XXX | RHT-M12001-03-R-XXX | RHT-M12005-03-C-XXX | RHT-M12005-03-R-XXX |
| 4                   | 1m           | RHT-M12001-04-C-100 | RHT-M12001-04-R-100 | RHT-M12005-04-C-100 | RHT-M12005-04-R-100 |
|                     | Customized   | RHT-M12001-04-C-XXX | RHT-M12001-04-R-XXX | RHT-M12005-04-C-XXX | RHT-M12005-04-R-XXX |
| 4D                  | 1m           | RHT-M12001-4D-C-100 | RHT-M12001-4D-R-100 | RHT-M12005-4D-C-100 | RHT-M12005-4D-R-100 |
|                     | Customized   | RHT-M12001-4D-C-XXX | RHT-M12001-4D-R-XXX | RHT-M12005-4D-C-XXX | RHT-M12005-4D-R-XXX |
| 5                   | 1m           | RHT-M12001-05-C-100 | RHT-M12001-05-R-100 | RHT-M12005-05-C-100 | RHT-M12005-05-R-100 |
|                     | Customized   | RHT-M12001-05-C-XXX | RHT-M12001-05-R-XXX | RHT-M12005-05-C-XXX | RHT-M12005-05-R-XXX |
| 5B                  | 1m           | RHT-M12001-5B-C-100 | RHT-M12001-5B-R-100 | RHT-M12005-5B-C-100 | RHT-M12005-5B-R-100 |
|                     | Customized   | RHT-M12001-5B-C-XXX | RHT-M12001-5B-R-XXX | RHT-M12005-5B-C-XXX | RHT-M12005-5B-R-XXX |
| 6                   | 1m           | RHT-M12001-06-C-100 | RHT-M12001-06-R-100 | RHT-M12005-06-C-100 | RHT-M12005-06-R-100 |
|                     | Customized   | RHT-M12001-06-C-XXX | RHT-M12001-06-R-XXX | RHT-M12005-06-C-XXX | RHT-M12005-06-R-XXX |
| 8                   | 1m           | RHT-M12001-08-C-100 | RHT-M12001-08-R-100 | RHT-M12005-08-C-100 | RHT-M12005-08-R-100 |
|                     | Customized   | RHT-M12001-08-C-XXX | RHT-M12001-08-R-XXX | RHT-M12005-08-C-XXX | RHT-M12005-08-R-XXX |
| 12                  | 1m           | RHT-M12001-12-C-100 | RHT-M12001-12-R-100 | RHT-M12005-12-C-100 | RHT-M12005-12-R-100 |
|                     | Customized   | RHT-M12001-12-C-XXX | RHT-M12001-12-R-XXX | RHT-M12005-12-C-XXX | RHT-M12005-12-R-XXX |
| 17                  | 1m           | RHT-M12001-17-C-100 | RHT-M12001-17-R-100 | RHT-M12005-17-C-100 | RHT-M12005-17-R-100 |
|                     | Customized   | RHT-M12001-17-C-XXX | RHT-M12001-17-R-XXX | RHT-M12005-17-C-XXX | RHT-M12005-17-R-XXX |

# M12 Single-ended Cable, Female Angled



## Specification

| Number of positions         | 2                         | 3 | 4 | 4D | 5 | 5B | 6 | 8 | 12 | 17 |
|-----------------------------|---------------------------|---|---|----|---|----|---|---|----|----|
| Insert arrangement (Female) |                           |   |   |    |   |    |   |   |    |    |
| Insert arrangement (Male)   |                           |   |   |    |   |    |   |   |    |    |
| Insulation resistance       | ≥100MΩ                    |   |   |    |   |    |   |   |    |    |
| Contact resistance          | ≤5mΩ                      |   |   |    |   |    |   |   |    |    |
| Temperature range           | -25°C ~ +80°C             |   |   |    |   |    |   |   |    |    |
| Protection rating           | IP67(Mated)               |   |   |    |   |    |   |   |    |    |
| Over-molding material       | TPU/PVC                   |   |   |    |   |    |   |   |    |    |
| Screw nut material          | Zinc Alloy, Nickel Plated |   |   |    |   |    |   |   |    |    |
| Insulation material         | PA66+GF                   |   |   |    |   |    |   |   |    |    |
| Contact termination         | Solder Cup                |   |   |    |   |    |   |   |    |    |
| Contact material            | Brass, Gold Plated        |   |   |    |   |    |   |   |    |    |
| Cable material              | PVC/PUR/Customized        |   |   |    |   |    |   |   |    |    |
| Cable Colour                | Black/Customized          |   |   |    |   |    |   |   |    |    |
| Seal                        | FKM                       |   |   |    |   |    |   |   |    |    |
| Shielding                   | Unshielded/Shielded       |   |   |    |   |    |   |   |    |    |
| Mating cycles               | ≥500                      |   |   |    |   |    |   |   |    |    |

# M12 Single-ended Cable, Male Angled



## Specification

| Number of positions         | 2                         | 3 | 4 | 4D | 5 | 5B | 6 | 8 | 12 | 17 |
|-----------------------------|---------------------------|---|---|----|---|----|---|---|----|----|
| Insert arrangement (Female) |                           |   |   |    |   |    |   |   |    |    |
| Insert arrangement (Male)   |                           |   |   |    |   |    |   |   |    |    |
| Insulation resistance       | ≥100MΩ                    |   |   |    |   |    |   |   |    |    |
| Contact resistance          | ≤5mΩ                      |   |   |    |   |    |   |   |    |    |
| Temperature range           | -25°C ~ +80°C             |   |   |    |   |    |   |   |    |    |
| Protection rating           | IP67(Mated)               |   |   |    |   |    |   |   |    |    |
| Over-molding material       | TPU/PVC                   |   |   |    |   |    |   |   |    |    |
| Screw nut material          | Zinc Alloy, Nickel Plated |   |   |    |   |    |   |   |    |    |
| Insulation material         | PA66+GF                   |   |   |    |   |    |   |   |    |    |
| Contact termination         | Solder Cup                |   |   |    |   |    |   |   |    |    |
| Contact material            | Brass, Gold Plated        |   |   |    |   |    |   |   |    |    |
| Cable material              | PVC/PUR/Customized        |   |   |    |   |    |   |   |    |    |
| Cable Colour                | Black/Customized          |   |   |    |   |    |   |   |    |    |
| Seal                        | FKM                       |   |   |    |   |    |   |   |    |    |
| Shielding                   | Unshielded/Shielded       |   |   |    |   |    |   |   |    |    |
| Mating cycles               | ≥500                      |   |   |    |   |    |   |   |    |    |

## Part Number

| Number of positions | Cable Length | Unshielded          |                     | Shielded            |                     |
|---------------------|--------------|---------------------|---------------------|---------------------|---------------------|
|                     |              | PVC                 | PUR                 | PVC                 | PUR                 |
| 2                   | 1m           | RHT-M12004-02-C-100 | RHT-M12004-02-R-100 | RHT-M12008-02-C-100 | RHT-M12008-02-R-100 |
|                     | Customized   | RHT-M12004-02-C-XXX | RHT-M12004-02-R-XXX | RHT-M12008-02-C-XXX | RHT-M12008-02-R-XXX |
| 3                   | 1m           | RHT-M12004-03-C-100 | RHT-M12004-03-R-100 | RHT-M12008-03-C-100 | RHT-M12008-03-R-100 |
|                     | Customized   | RHT-M12004-03-C-XXX | RHT-M12004-03-R-XXX | RHT-M12008-03-C-XXX | RHT-M12008-03-R-XXX |
| 4                   | 1m           | RHT-M12004-04-C-100 | RHT-M12004-04-R-100 | RHT-M12008-04-C-100 | RHT-M12008-04-R-100 |
|                     | Customized   | RHT-M12004-04-C-XXX | RHT-M12004-04-R-XXX | RHT-M12008-04-C-XXX | RHT-M12008-04-R-XXX |
| 4D                  | 1m           | RHT-M12004-4D-C-100 | RHT-M12004-4D-R-100 | RHT-M12008-4D-C-100 | RHT-M12008-4D-R-100 |
|                     | Customized   | RHT-M12004-4D-C-XXX | RHT-M12004-4D-R-XXX | RHT-M12008-4D-C-XXX | RHT-M12008-4D-R-XXX |
| 5                   | 1m           | RHT-M12004-05-C-100 | RHT-M12004-05-R-100 | RHT-M12008-05-C-100 | RHT-M12008-05-R-100 |
|                     | Customized   | RHT-M12004-05-C-XXX | RHT-M12004-05-R-XXX | RHT-M12008-05-C-XXX | RHT-M12008-05-R-XXX |
| 5B                  | 1m           | RHT-M12004-5B-C-100 | RHT-M12004-5B-R-100 | RHT-M12008-5B-C-100 | RHT-M12008-5B-R-100 |
|                     | Customized   | RHT-M12004-5B-C-XXX | RHT-M12004-5B-R-XXX | RHT-M12008-5B-C-XXX | RHT-M12008-5B-R-XXX |
| 6                   | 1m           | RHT-M12004-06-C-100 | RHT-M12004-06-R-100 | RHT-M12008-06-C-100 | RHT-M12008-06-R-100 |
|                     | Customized   | RHT-M12004-06-C-XXX | RHT-M12004-06-R-XXX | RHT-M12008-06-C-XXX | RHT-M12008-06-R-XXX |
| 8                   | 1m           | RHT-M12004-08-C-100 | RHT-M12004-08-R-100 | RHT-M12008-08-C-100 | RHT-M12008-08-R-100 |
|                     | Customized   | RHT-M12004-08-C-XXX | RHT-M12004-08-R-XXX | RHT-M12008-08-C-XXX | RHT-M12008-08-R-XXX |
| 12                  | 1m           | RHT-M12004-12-C-100 | RHT-M12004-12-R-100 | RHT-M12008-12-C-100 | RHT-M12008-12-R-100 |
|                     | Customized   | RHT-M12004-12-C-XXX | RHT-M12004-12-R-XXX | RHT-M12008-12-C-XXX | RHT-M12008-12-R-XXX |
| 17                  | 1m           | RHT-M12004-17-C-100 | RHT-M12004-17-R-100 | RHT-M12008-17-C-100 | RHT-M12008-17-R-100 |
|                     | Customized   | RHT-M12004-17-C-XXX | RHT-M12004-17-R-XXX | RHT-M12008-17-C-XXX | RHT-M12008-17-R-XXX |

## Part Number

| Number of positions | Cable Length | Unshielded          |                     | Shielded            |                     |
|---------------------|--------------|---------------------|---------------------|---------------------|---------------------|
|                     |              | PVC                 | PUR                 | PVC                 | PUR                 |
| 2                   | 1m           | RHT-M12003-02-C-100 | RHT-M12003-02-R-100 | RHT-M12007-02-C-100 | RHT-M12007-02-R-100 |
|                     | Customized   | RHT-M12003-02-C-XXX | RHT-M12003-02-R-XXX | RHT-M12007-02-C-XXX | RHT-M12007-02-R-XXX |
| 3                   | 1m           | RHT-M12003-03-C-100 | RHT-M12003-03-R-100 | RHT-M12007-03-C-100 | RHT-M12007-03-R-100 |
|                     | Customized   | RHT-M12003-03-C-XXX | RHT-M12003-03-R-XXX | RHT-M12007-03-C-XXX | RHT-M12007-03-R-XXX |
| 4                   | 1m           | RHT-M12003-04-C-100 | RHT-M12003-04-R-100 | RHT-M12007-04-C-100 | RHT-M12007-04-R-100 |
|                     | Customized   | RHT-M12003-04-C-XXX | RHT-M12003-04-R-XXX | RHT-M12007-04-C-XXX | RHT-M12007-04-R-XXX |
| 4D                  | 1m           | RHT-M12003-4D-C-100 | RHT-M12003-4D-R-100 | RHT-M12007-4D-C-100 | RHT-M12007-4D-R-100 |
|                     | Customized   | RHT-M12003-4D-C-XXX | RHT-M12003-4D-R-XXX | RHT-M12007-4D-C-XXX | RHT-M12007-4D-R-XXX |
| 5                   | 1m           | RHT-M12003-05-C-100 | RHT-M12003-05-R-100 | RHT-M12007-05-C-100 | RHT-M12007-05-R-100 |
|                     | Customized   | RHT-M12003-05-C-XXX | RHT-M12003-05-R-XXX | RHT-M12007-05-C-XXX | RHT-M12007-05-R-XXX |
| 5B                  | 1m           | RHT-M12003-5B-C-100 | RHT-M12003-5B-R-100 | RHT-M12007-5B-C-100 | RHT-M12007-5B-R-100 |
|                     | Customized   | RHT-M12003-5B-C-XXX | RHT-M12003-5B-R-XXX | RHT-M12007-5B-C-XXX | RHT-M12007-5B-R-XXX |
| 6                   | 1m           | RHT-M12003-06-C-100 | RHT-M12003-06-R-100 | RHT-M12007-06-C-100 | RHT-M12007-06-R-100 |
|                     | Customized   | RHT-M12003-06-C-XXX | RHT-M12003-06-R-XXX | RHT-M12007-06-C-XXX | RHT-M12007-06-R-XXX |
| 8                   | 1m           | RHT-M12003-08-C-100 | RHT-M12003-08-R-100 | RHT-M12007-08-C-100 | RHT-M12007-08-R-100 |
|                     | Customized   | RHT-M12003-08-C-XXX | RHT-M12003-08-R-XXX | RHT-M12007-08-C-XXX | RHT-M12007-08-R-XXX |
| 12                  | 1m           | RHT-M12003-12-C-100 | RHT-M12003-12-R-100 | RHT-M12007-12-C-100 | RHT-M12007-12-R-100 |
|                     | Customized   | RHT-M12003-12-C-XXX | RHT-M12003-12-R-XXX | RHT-M12007-12-C-XXX | RHT-M12007-12-R-XXX |
| 17                  | 1m           | RHT-M12003-17-C-100 | RHT-M12003-17-R-100 | RHT-M12007-17-C-100 | RHT-M12007-17-R-100 |
|                     | Customized   | RHT-M12003-17-C-XXX | RHT-M12003-17-R-XXX | RHT-M12007-17-C-XXX | RHT-M12007-17-R-XXX |

# M12 Single-ended Cable, Straight, Plastic



CE RoHS

CE RoHS

## Specification

|                             |   |   |   |    |   |    |   |   |    |    |
|-----------------------------|---|---|---|----|---|----|---|---|----|----|
| Number of positions         | 2 | 3 | 4 | 4D | 5 | 5B | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |   |    |   |    |   |   |    |    |
| Insert arrangement (Male)   |   |   |   |    |   |    |   |   |    |    |

|                       |                    |
|-----------------------|--------------------|
| Insulation resistance | ≥100MΩ             |
| Contact resistance    | ≤5mΩ               |
| Temperature range     | -25°C ~ +80°C      |
| Protection rating     | IP67(Mated)        |
| Over-molding material | TPU/PVC            |
| Screw nut material    | PA66+GF            |
| Insulation material   | PA66+GF            |
| Contact termination   | Solder Cup         |
| Contact material      | Brass, Gold Plated |
| Cable material        | PVC/PUR/Customized |
| Cable Colour          | Black/Customized   |
| Seal                  | FKM                |
| Shielding             | Unshielded         |
| Mating cycles         | ≥500               |

## Part Number

| Number of positions | Cable Length | Female              |                     | Male                |                     |
|---------------------|--------------|---------------------|---------------------|---------------------|---------------------|
|                     |              | PVC                 | PUR                 | PVC                 | PUR                 |
| 2                   | 1m           | RHT-M12014-02-C-100 | RHT-M12014-02-R-100 | RHT-M12013-02-C-100 | RHT-M12013-02-R-100 |
|                     | Customized   | RHT-M12014-02-C-XXX | RHT-M12014-02-R-XXX | RHT-M12013-02-C-XXX | RHT-M12013-02-R-XXX |
| 3                   | 1m           | RHT-M12014-03-C-100 | RHT-M12014-03-R-100 | RHT-M12013-03-C-100 | RHT-M12013-03-R-100 |
|                     | Customized   | RHT-M12014-03-C-XXX | RHT-M12014-03-R-XXX | RHT-M12013-03-C-XXX | RHT-M12013-03-R-XXX |
| 4                   | 1m           | RHT-M12014-04-C-100 | RHT-M12014-04-R-100 | RHT-M12013-04-C-100 | RHT-M12013-04-R-100 |
|                     | Customized   | RHT-M12014-04-C-XXX | RHT-M12014-04-R-XXX | RHT-M12013-04-C-XXX | RHT-M12013-04-R-XXX |
| 4D                  | 1m           | RHT-M12014-4D-C-100 | RHT-M12014-4D-R-100 | RHT-M12013-4D-C-100 | RHT-M12013-4D-R-100 |
|                     | Customized   | RHT-M12014-4D-C-XXX | RHT-M12014-4D-R-XXX | RHT-M12013-4D-C-XXX | RHT-M12013-4D-R-XXX |
| 5                   | 1m           | RHT-M12014-05-C-100 | RHT-M12014-05-R-100 | RHT-M12013-05-C-100 | RHT-M12013-05-R-100 |
|                     | Customized   | RHT-M12014-05-C-XXX | RHT-M12014-05-R-XXX | RHT-M12013-05-C-XXX | RHT-M12013-05-R-XXX |
| 5B                  | 1m           | RHT-M12014-5B-C-100 | RHT-M12014-5B-R-100 | RHT-M12013-5B-C-100 | RHT-M12013-5B-R-100 |
|                     | Customized   | RHT-M12014-5B-C-XXX | RHT-M12014-5B-R-XXX | RHT-M12013-5B-C-XXX | RHT-M12013-5B-R-XXX |
| 6                   | 1m           | RHT-M12014-06-C-100 | RHT-M12014-06-R-100 | RHT-M12013-06-C-100 | RHT-M12013-06-R-100 |
|                     | Customized   | RHT-M12014-06-C-XXX | RHT-M12014-06-R-XXX | RHT-M12013-06-C-XXX | RHT-M12013-06-R-XXX |
| 8                   | 1m           | RHT-M12014-08-C-100 | RHT-M12014-08-R-100 | RHT-M12013-08-C-100 | RHT-M12013-08-R-100 |
|                     | Customized   | RHT-M12014-08-C-XXX | RHT-M12014-08-R-XXX | RHT-M12013-08-C-XXX | RHT-M12013-08-R-XXX |
| 12                  | 1m           | RHT-M12014-12-C-100 | RHT-M12014-12-R-100 | RHT-M12013-12-C-100 | RHT-M12013-12-R-100 |
|                     | Customized   | RHT-M12014-12-C-XXX | RHT-M12014-12-R-XXX | RHT-M12013-12-C-XXX | RHT-M12013-12-R-XXX |
| 17                  | 1m           | RHT-M12014-17-C-100 | RHT-M12014-17-R-100 | RHT-M12013-17-C-100 | RHT-M12013-17-R-100 |
|                     | Customized   | RHT-M12014-17-C-XXX | RHT-M12014-17-R-XXX | RHT-M12013-17-C-XXX | RHT-M12013-17-R-XXX |

# M12 Single-ended Cable, Angled, Plastic



CE RoHS

CE RoHS

## Specification

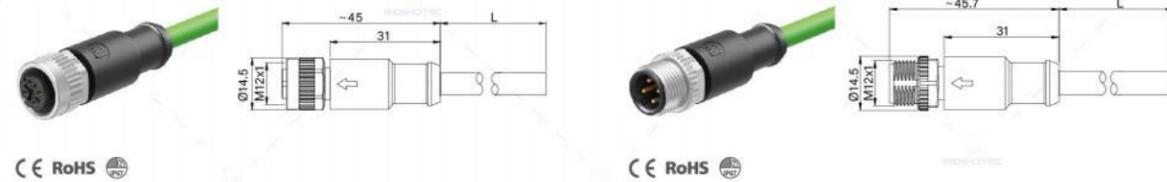
|                             |   |   |   |    |   |    |   |   |    |    |
|-----------------------------|---|---|---|----|---|----|---|---|----|----|
| Number of positions         | 2 | 3 | 4 | 4D | 5 | 5B | 6 | 8 | 12 | 17 |
| Insert arrangement (Female) |   |   |   |    |   |    |   |   |    |    |
| Insert arrangement (Male)   |   |   |   |    |   |    |   |   |    |    |

|                       |                    |
|-----------------------|--------------------|
| Insulation resistance | ≥100MΩ             |
| Contact resistance    | ≤5mΩ               |
| Temperature range     | -25°C ~ +80°C      |
| Protection rating     | IP67(Mated)        |
| Over-molding material | TPU/PVC            |
| Screw nut material    | PA66+GF            |
| Insulation material   | PA66+GF            |
| Contact termination   | Solder Cup         |
| Contact material      | Brass, Gold Plated |
| Cable material        | PVC/PUR/Customized |
| Cable Colour          | Black/Customized   |
| Seal                  | FKM                |
| Shielding             | Unshielded         |
| Mating cycles         | ≥500               |

## Part Number

| Number of positions | Cable Length | Female              |                     | Male                |                     |
|---------------------|--------------|---------------------|---------------------|---------------------|---------------------|
|                     |              | PVC                 | PUR                 | PVC                 | PUR                 |
| 2                   | 1m           | RHT-M12016-02-C-100 | RHT-M12016-02-R-100 | RHT-M12015-02-C-100 | RHT-M12015-02-R-100 |
|                     | Customized   | RHT-M12016-02-C-XXX | RHT-M12016-02-R-XXX | RHT-M12015-02-C-XXX | RHT-M12015-02-R-XXX |
| 3                   | 1m           | RHT-M12016-03-C-100 | RHT-M12016-03-R-100 | RHT-M12015-03-C-100 | RHT-M12015-03-R-100 |
|                     | Customized   | RHT-M12016-03-C-XXX | RHT-M12016-03-R-XXX | RHT-M12015-03-C-XXX | RHT-M12015-03-R-XXX |
| 4                   | 1m           | RHT-M12016-04-C-100 | RHT-M12016-04-R-100 | RHT-M12015-04-C-100 | RHT-M12015-04-R-100 |
|                     | Customized   | RHT-M12016-04-C-XXX | RHT-M12016-04-R-XXX | RHT-M12015-04-C-XXX | RHT-M12015-04-R-XXX |
| 4D                  | 1m           | RHT-M12016-4D-C-100 | RHT-M12016-4D-R-100 | RHT-M12015-4D-C-100 | RHT-M12015-4D-R-100 |
|                     | Customized   | RHT-M12016-4D-C-XXX | RHT-M12016-4D-R-XXX | RHT-M12015-4D-C-XXX | RHT-M12015-4D-R-XXX |
| 5                   | 1m           | RHT-M12016-05-C-100 | RHT-M12016-05-R-100 | RHT-M12015-05-C-100 | RHT-M12015-05-R-100 |
|                     | Customized   | RHT-M12016-05-C-XXX | RHT-M12016-05-R-XXX | RHT-M12015-05-C-XXX | RHT-M12015-05-R-XXX |
| 5B                  | 1m           | RHT-M12016-5B-C-100 | RHT-M12016-5B-R-100 | RHT-M12015-5B-C-100 | RHT-M12015-5B-R-100 |
|                     | Customized   | RHT-M12016-5B-C-XXX | RHT-M12016-5B-R-XXX | RHT-M12015-5B-C-XXX | RHT-M12015-5B-R-XXX |
| 6                   | 1m           | RHT-M12016-06-C-100 | RHT-M12016-06-R-100 | RHT-M12015-06-C-100 | RHT-M12015-06-R-100 |
|                     | Customized   | RHT-M12016-06-C-XXX | RHT-M12016-06-R-XXX | RHT-M12015-06-C-XXX | RHT-M12015-06-R-XXX |
| 8                   | 1m           | RHT-M12016-08-C-100 | RHT-M12016-08-R-100 | RHT-M12015-08-C-100 | RHT-M12015-08-R-100 |
|                     | Customized   | RHT-M12016-08-C-XXX | RHT-M12016-08-R-XXX | RHT-M12015-08-C-XXX | RHT-M12015-08-R-XXX |
| 12                  | 1m           | RHT-M12016-12-C-100 | RHT-M12016-12-R-100 | RHT-M12015-12-C-100 | RHT-M12015-12-R-100 |
|                     | Customized   | RHT-M12016-12-C-XXX | RHT-M12016-12-R-XXX | RHT-M12015-12-C-XXX | RHT-M12015-12-R-XXX |
| 17                  | 1m           | RHT-M12016-17-C-100 | RHT-M12016-17-R-100 | RHT-M12015-17-C-100 | RHT-M12015-17-R-100 |
|                     | Customized   | RHT-M12016-17-C-XXX | RHT-M12016-17-R-XXX | RHT-M12015-17-C-XXX | RHT-M12015-17-R-XXX |

## M12 Single-ended Cable with Cat 5e S/FTP Ethernet , EMI-Shielded, Straight



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CE RoHS

### Specification

Number of positions 4D

Insert arrangement (Female)



Insert arrangement (Male)



|                       |                           |
|-----------------------|---------------------------|
| Coded                 | D-Coded                   |
| Rated current         | 4A                        |
| Rated voltage         | 250V                      |
| Wire gauge            | 22AWG/0.34mm <sup>2</sup> |
| Insulation resistance | ≥100MΩ                    |
| Contact resistance    | ≤5mΩ                      |
| Temperature range     | -25 C ~ +80 C             |
| Protection rating     | IP67(Mated)               |
| Over-molding material | TPU/PVC                   |
| Screw nut material    | Brass, Nickel Plated      |
| Insulation material   | PA66+GF                   |
| Contact termination   | Solder Cup                |
| Contact material      | Brass, Gold Plated        |
| Cable material        | PVC/PUR/Customized        |
| Cable Colour          | Green/Customized          |
| Seal                  | FKM                       |
| Shielding             | EMI-Shielded              |
| Mating cycles         | ≥500                      |

### Part Number

| Number of positions | Cable Length | Female                 |                        | Male                   |                        |
|---------------------|--------------|------------------------|------------------------|------------------------|------------------------|
|                     |              | PVC                    | PUR                    | PVC                    | PUR                    |
| 4D                  | 1m           | RHT-605-10056-4D-C-100 | RHT-605-10056-4D-R-100 | RHT-605-10055-4D-C-100 | RHT-605-10055-4D-R-100 |
|                     | Customized   | RHT-605-10056-4D-C-XXX | RHT-605-10056-4D-R-XXX | RHT-605-10055-4D-C-XXX | RHT-605-10055-4D-R-XXX |

## M12 Single-ended Cable with Cat 5e S/FTP Ethernet , EMI-Shielded, Angled



CE RoHS

CE RoHS

### Specification

Number of positions 4D

Insert arrangement (Female)



Insert arrangement (Male)



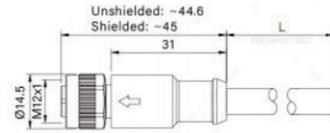
|                       |                           |
|-----------------------|---------------------------|
| Coded                 | D-Coded                   |
| Rated current         | 4A                        |
| Rated voltage         | 250V                      |
| Wire gauge            | 22AWG/0.34mm <sup>2</sup> |
| Insulation resistance | ≥100MΩ                    |
| Contact resistance    | ≤5mΩ                      |
| Temperature range     | -25 C ~ +80 C             |
| Protection rating     | IP67(Mated)               |
| Over-molding material | TPU/PVC                   |
| Screw nut material    | Zinc, Nickel Plated       |
| Insulation material   | PA66+GF                   |
| Contact termination   | Solder Cup                |
| Contact material      | Brass, Gold Plated        |
| Cable material        | PVC/PUR/Customized        |
| Cable Colour          | Green/Customized          |
| Seal                  | FKM                       |
| Shielding             | EMI-Shielded              |
| Mating cycles         | ≥500                      |

### Part Number

| Number of positions | Cable Length | Female                 |                        | Male                   |                        |
|---------------------|--------------|------------------------|------------------------|------------------------|------------------------|
|                     |              | PVC                    | PUR                    | PVC                    | PUR                    |
| 4D                  | 1m           | RHT-605-10058-4D-C-100 | RHT-605-10058-4D-R-100 | RHT-605-10057-4D-C-100 | RHT-605-10057-4D-R-100 |
|                     | Customized   | RHT-605-10058-4D-C-XXX | RHT-605-10058-4D-R-XXX | RHT-605-10057-4D-C-XXX | RHT-605-10057-4D-R-XXX |

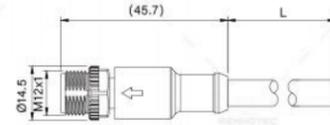
**M12** Female to Female Cable

CE RoHS



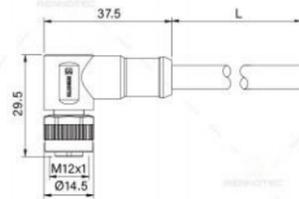
**M12** Male to Male Cable

CE RoHS



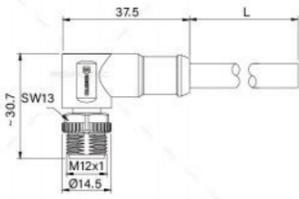
**M12** Female to Female Cable

CE RoHS



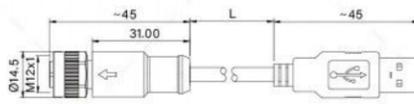
**M12** Male to Male Cable

CE RoHS



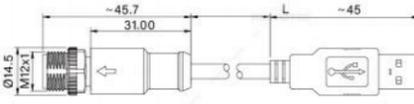
**M12** Female to USB2.0 Cable

CE RoHS



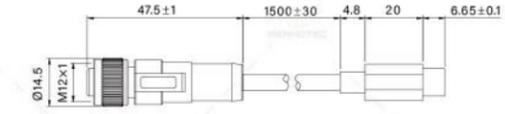
**M12** Male to USB2.0 Cable

CE RoHS



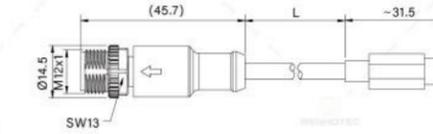
**M12** Female to USB Type C Cable

CE RoHS



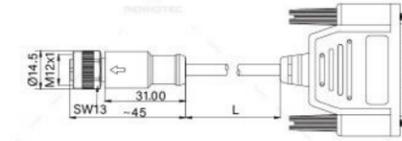
**M12** Male to USB Type C Cable

CE RoHS



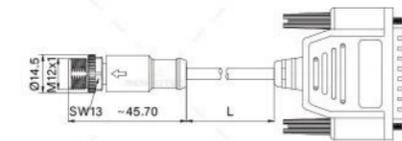
**M12** Female to Dsub25 Cable

CE RoHS



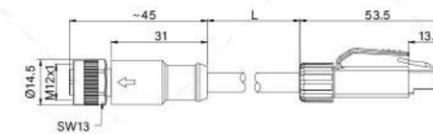
**M12** Male to Dsub25 Cable

CE RoHS



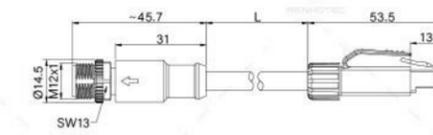
**M12** D Code Female to RJ45 Male Cable

CE RoHS



**M12** D Code Male to RJ45 Male Cable

CE RoHS



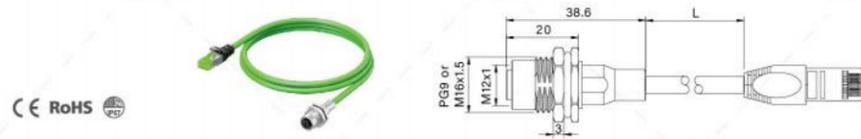
### M12 D Code Female to RJ45 Female Cable



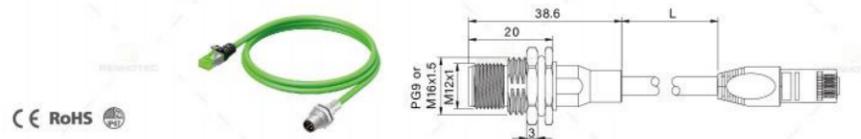
### M12 D Code Male to RJ45 Female Cable



### M12 D Code Female Panel Mount Receptacle to RJ45 Male with Cable



### M12 D Code Male Panel Mount Receptacle to RJ45 Male with Cable



\* Wire length, material, color, etc. can be customized. Contact our sales staff for consultation if needed.

### M12 Tee Type Splitter



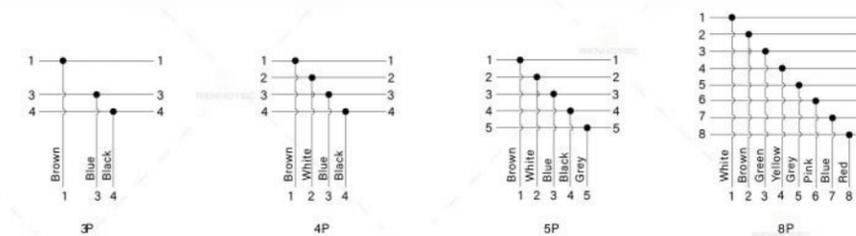
#### Specification

|                             |                      |         |         |         |         |         |     |
|-----------------------------|----------------------|---------|---------|---------|---------|---------|-----|
| Number of positions         | 3                    | 4       | 4D      | 5       | 5B      | 8       |     |
| Insert arrangement (Female) |                      |         |         |         |         |         |     |
| Insert arrangement (Male)   |                      |         |         |         |         |         |     |
| Coded                       | A-Coded              | A-Coded | D-Coded | A-Coded | B-Coded | A-Coded |     |
| Rated current               | 4A                   |         |         |         |         | 2A      |     |
| Rated voltage               | 250V                 |         |         |         |         | 60V     | 30V |
| Insulation resistance       | ≥100MΩ               |         |         |         |         |         |     |
| Contact resistance          | ≤5mΩ                 |         |         |         |         |         |     |
| Temperature range           | -25 °C ~ +80 °C      |         |         |         |         |         |     |
| Protection rating           | IP67(Mated)          |         |         |         |         |         |     |
| Body material               | PVC                  |         |         |         |         |         |     |
| Screw nut material          | Brass, Nickel Plated |         |         |         |         |         |     |
| Insulation material         | PA66+GF              |         |         |         |         |         |     |
| Contact material            | Brass, Gold Plated   |         |         |         |         |         |     |
| Seal                        | NBR, Black           |         |         |         |         |         |     |
| Shielding                   | Unshielded           |         |         |         |         |         |     |
| Mating cycles               | ≥500                 |         |         |         |         |         |     |

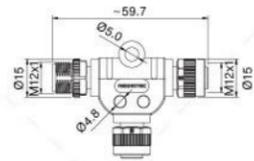
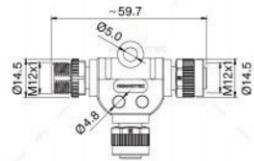
#### Part Number

| Number of positions | Male to Male / Female | Female to Male / Female |
|---------------------|-----------------------|-------------------------|
| 3                   | RHT-634-3639-03       | RHT-634-3640-03         |
| 4                   | RHT-634-3639-04       | RHT-634-3640-04         |
| 4D                  | RHT-634-3639-4D       | RHT-634-3640-4D         |
| 5                   | RHT-634-3639-05       | RHT-634-3640-05         |
| 5B                  | RHT-634-3639-5B       | RHT-634-3640-5B         |
| 8                   | RHT-634-3639-08       | RHT-634-3640-08         |

#### Wiring Diagram



# M12 Tee Type Splitter, Male to 2 X Female



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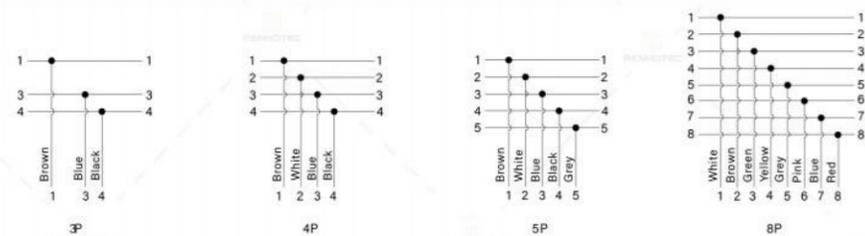
## Specification

|                             |  |         |         |         |         |         |
|-----------------------------|--|---------|---------|---------|---------|---------|
| Number of positions         | 3                                      | 4       | 4D      | 5       | 5B      | 8       |
| Insert arrangement (Female) |  |         |         |         |         |         |
| Insert arrangement (Male)   |  |         |         |         |         |         |
| Coded                       | A-Coded                                | A-Coded | D-Coded | A-Coded | B-Coded | A-Coded |
| Rated current               | 4A                                     |         |         |         |         | 2A      |
| Rated voltage               | 250V                                   |         |         | 60V     |         | 30V     |
| Insulation resistance       | ≥100MΩ                                 |         |         |         |         |         |
| Contact resistance          | ≤5mΩ                                   |         |         |         |         |         |
| Temperature range           | -25 °C ~ +80 °C                        |         |         |         |         |         |
| Protection rating           | IP67(Mated)                            |         |         |         |         |         |
| Body material               | PVC                                    |         |         |         |         |         |
| Screw nut material          | Zinc Alloy, Electroless Nickel/PA66+GF |         |         |         |         |         |
| Insulation material         | PA66+GF                                |         |         |         |         |         |
| Contact material            | Brass, Gold Plated                     |         |         |         |         |         |
| Seal                        | FKM                                    |         |         |         |         |         |
| Shielding                   | Unshielded                             |         |         |         |         |         |
| Mating cycles               | ≥500                                   |         |         |         |         |         |

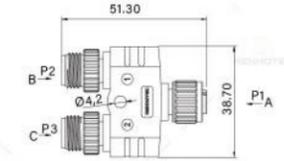
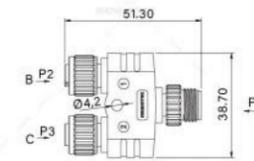
## Part Number

| Number of positions | Metal           | Plastic         |
|---------------------|-----------------|-----------------|
| 3                   | RHT-634-3399-03 | RHT-634-3413-03 |
| 4                   | RHT-634-3399-04 | RHT-634-3413-04 |
| 4D                  | RHT-634-3399-4D | RHT-634-3413-4D |
| 5                   | RHT-634-3399-05 | RHT-634-3413-05 |
| 5B                  | RHT-634-3399-5B | RHT-634-3413-5B |
| 8                   | RHT-634-3399-08 | RHT-634-3413-08 |

## Wiring Diagram



# M12 Y Type Splitter, Male to Female



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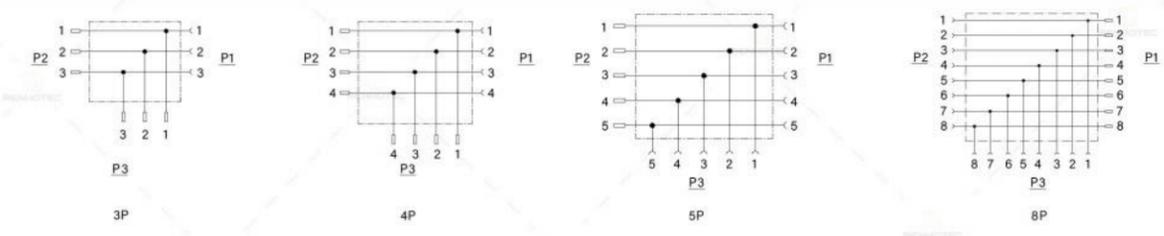
## Specification

|                             |                      |         |         |         |         |         |
|-----------------------------|----------------------|---------|---------|---------|---------|---------|
| Number of positions         | 3                    | 4       | 4D      | 5       | 5B      | 8       |
| Insert arrangement (Female) |                      |         |         |         |         |         |
| Insert arrangement (Male)   |                      |         |         |         |         |         |
| Coded                       | A-Coded              | A-Coded | D-Coded | A-Coded | B-Coded | A-Coded |
| Rated current               | 4A                   |         |         |         |         | 2A      |
| Rated voltage               | 250V                 |         |         | 60V     |         | 30V     |
| Insulation resistance       | ≥100MΩ               |         |         |         |         |         |
| Contact resistance          | ≤5mΩ                 |         |         |         |         |         |
| Temperature range           | -25 °C ~ +80 °C      |         |         |         |         |         |
| Protection rating           | IP67(Mated)          |         |         |         |         |         |
| Body material               | PVC                  |         |         |         |         |         |
| Screw nut material          | Brass, Nickel Plated |         |         |         |         |         |
| Insulation material         | PA66+GF              |         |         |         |         |         |
| Contact material            | Brass, Gold Plated   |         |         |         |         |         |
| Seal                        | NBR, Black           |         |         |         |         |         |
| Shielding                   | Unshielded           |         |         |         |         |         |
| Mating cycles               | ≥500                 |         |         |         |         |         |

## Part Number

| Number of positions | 1 Male to 2 Female | 2 Male to 1 Female |
|---------------------|--------------------|--------------------|
| 3                   | RHT-634-3366-03    | RHT-634-3367-03    |
| 4                   | RHT-634-3366-04    | RHT-634-3367-04    |
| 4D                  | RHT-634-3366-4D    | RHT-634-3367-4D    |
| 5                   | RHT-634-3366-05    | RHT-634-3367-05    |
| 5B                  | RHT-634-3366-5B    | RHT-634-3367-5B    |
| 8                   | RHT-634-3366-08    | RHT-634-3367-08    |

## Wiring Diagram



# M12 Y Type Splitter, Male to M8 2 X Female



## Specification

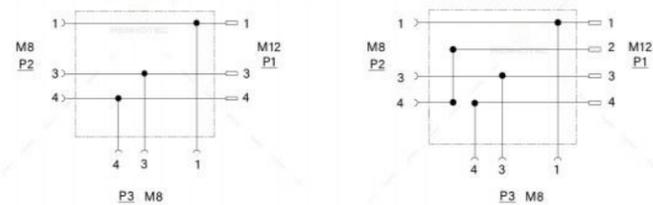
|                             |   |   |
|-----------------------------|---|---|
| Number of positions         | 3 | 4 |
| Insert arrangement (Female) |   |   |
| Insert arrangement (Male)   |   |   |

|                       |                      |         |
|-----------------------|----------------------|---------|
| Coded                 | A-Coded              | A-Coded |
| Rated current         | 4A                   |         |
| Rated voltage         | 250V                 |         |
| Insulation resistance | ≥100MΩ               |         |
| Contact resistance    | ≤5mΩ                 |         |
| Temperature range     | -25 °C ~ +80 °C      |         |
| Protection rating     | IP67(Mated)          |         |
| Body material         | PVC                  |         |
| Screw nut material    | Brass, Nickel Plated |         |
| Insulation material   | PA66+GF              |         |
| Contact material      | Brass, Gold Plated   |         |
| Seal                  | NBR, Black           |         |
| Shielding             | Unshielded           |         |
| Mating cycles         | ≥500                 |         |

## Part Number

|                     |                       |
|---------------------|-----------------------|
| Number of positions | 1 Male to M8 2 Female |
| 3                   | RHT-605-3641-03       |
| 4                   | RHT-605-3641-04       |
| 5                   | RHT-605-3641-05       |

## Wiring Diagram



# M12 I Type Feed Through Splitter, Male to Female



## Specification

|                             |   |   |    |   |    |   |
|-----------------------------|---|---|----|---|----|---|
| Number of positions         | 3 | 4 | 4D | 5 | 5B | 8 |
| Insert arrangement (Female) |   |   |    |   |    |   |
| Insert arrangement (Male)   |   |   |    |   |    |   |

|                       |                      |         |         |         |         |         |
|-----------------------|----------------------|---------|---------|---------|---------|---------|
| Coded                 | A-Coded              | A-Coded | D-Coded | A-Coded | B-Coded | A-Coded |
| Rated current         | 4A                   |         |         |         |         | 2A      |
| Rated voltage         | 250V                 |         |         |         | 60V     | 30V     |
| Insulation resistance | ≥100MΩ               |         |         |         |         |         |
| Contact resistance    | ≤5mΩ                 |         |         |         |         |         |
| Temperature range     | -25 °C ~ +80 °C      |         |         |         |         |         |
| Protection rating     | IP67(Mated)          |         |         |         |         |         |
| Body material         | Brass, Nickel Plated |         |         |         |         |         |
| Insulation material   | PA66+GF              |         |         |         |         |         |
| Contact material      | Brass, Gold Plated   |         |         |         |         |         |
| Seal                  | NBR, Black           |         |         |         |         |         |
| Shielding             | Unshielded           |         |         |         |         |         |
| Mating cycles         | ≥500                 |         |         |         |         |         |

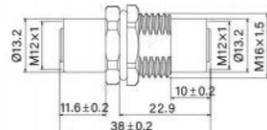
## Part Number

|                     |                 |
|---------------------|-----------------|
| Number of positions | Male to Female  |
| 3                   | RHT-605-2934-03 |
| 4                   | RHT-605-2934-04 |
| 4D                  | RHT-605-2934-4D |
| 5                   | RHT-605-2934-05 |
| 5B                  | RHT-605-2934-5B |
| 8                   | RHT-605-2934-08 |

## Wiring Diagram



# M12 I Type Feed Through Splitter, Female to Female



## Specification

Number of positions 4D

Insert arrangement (Female)



Insert arrangement (Male)



|                       |                      |
|-----------------------|----------------------|
| Coded                 | A-Coded              |
| Rated current         | 4A                   |
| Rated voltage         | 250V                 |
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -40°C ~ +80°C        |
| Protection rating     | IP67(Mated)          |
| Body material         | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact material      | Brass, Gold Plated   |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

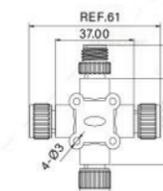
## Part Number

|                     |                  |
|---------------------|------------------|
| Number of positions | Female to Female |
| 4D                  | RHT-634-3262-4D  |

## Wiring Diagram



# M12 X Type Splitter, Male to Female



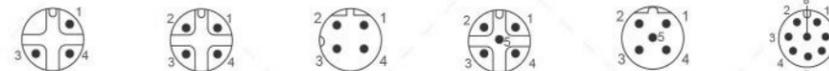
## Specification

Number of positions 3 4 4D 5 5B 8

Insert arrangement (Female)



Insert arrangement (Male)

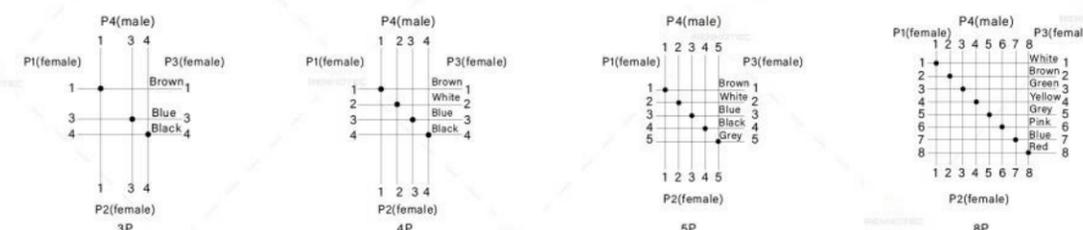


|                       |                      |         |         |         |         |         |
|-----------------------|----------------------|---------|---------|---------|---------|---------|
| Coded                 | A-Coded              | A-Coded | D-Coded | A-Coded | B-Coded | A-Coded |
| Rated current         | 4A                   |         |         |         |         | 2A      |
| Rated voltage         | 250V                 |         |         |         | 60V     | 30V     |
| Insulation resistance | ≥100MΩ               |         |         |         |         |         |
| Contact resistance    | ≤5mΩ                 |         |         |         |         |         |
| Temperature range     | -25°C ~ +80°C        |         |         |         |         |         |
| Protection rating     | IP67(Mated)          |         |         |         |         |         |
| Body material         | PVC                  |         |         |         |         |         |
| Screw nut material    | Brass, Nickel Plated |         |         |         |         |         |
| Insulation material   | PA66+GF              |         |         |         |         |         |
| Contact material      | Brass, Gold Plated   |         |         |         |         |         |
| Seal                  | NBR, Black           |         |         |         |         |         |
| Shielding             | Unshielded           |         |         |         |         |         |
| Mating cycles         | ≥500                 |         |         |         |         |         |

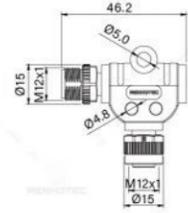
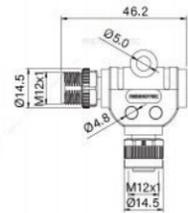
## Part Number

|                     |                  |
|---------------------|------------------|
| Number of positions | Male to 3 Female |
| 3                   | RHT-634-3578-03  |
| 4                   | RHT-634-3578-04  |
| 4D                  | RHT-634-3578-4D  |
| 5                   | RHT-634-3578-05  |
| 5B                  | RHT-634-3578-5B  |
| 8                   | RHT-634-3578-08  |

## Wiring Diagram



## M12 L Type Splitter, Male to Female



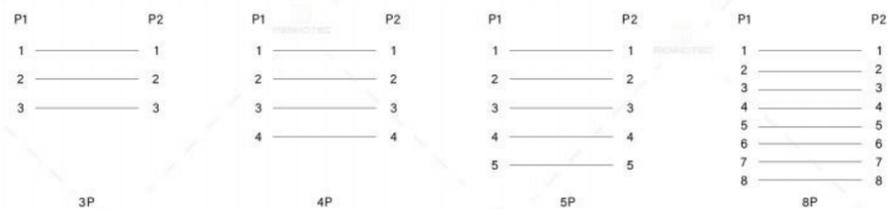
### Specification

|                             |                              |         |         |         |         |         |
|-----------------------------|------------------------------|---------|---------|---------|---------|---------|
| Number of positions         | 3                            | 4       | 4D      | 5       | 5B      | 8       |
| Insert arrangement (Female) |                              |         |         |         |         |         |
| Insert arrangement (Male)   |                              |         |         |         |         |         |
| Coded                       | A-Coded                      | A-Coded | D-Coded | A-Coded | B-Coded | A-Coded |
| Rated current               | 4A                           |         |         |         |         | 2A      |
| Rated voltage               | 250V                         |         |         | 60V     |         | 30V     |
| Insulation resistance       | ≥100MΩ                       |         |         |         |         |         |
| Contact resistance          | ≤5mΩ                         |         |         |         |         |         |
| Temperature range           | -25°C ~ +80°C                |         |         |         |         |         |
| Protection rating           | IP67(Mated)                  |         |         |         |         |         |
| Body material               | PVC                          |         |         |         |         |         |
| Screw nut material          | Brass, Nickel Plated/PA66+GF |         |         |         |         |         |
| Insulation material         | PA66+GF                      |         |         |         |         |         |
| Contact material            | Brass, Gold Plated           |         |         |         |         |         |
| Seal                        | FKM                          |         |         |         |         |         |
| Shielding                   | Unshielded                   |         |         |         |         |         |
| Mating cycles               | ≥500                         |         |         |         |         |         |

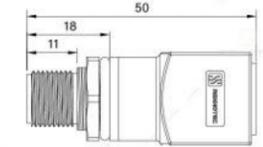
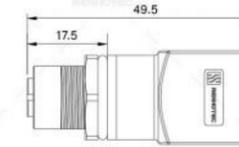
### Part Number

| Number of positions | Metal           | Plastic         |
|---------------------|-----------------|-----------------|
| 3                   | RHT-634-3400-03 | RHT-634-3435-03 |
| 4                   | RHT-634-3400-04 | RHT-634-3435-04 |
| 4D                  | RHT-634-3400-4D | RHT-634-3435-4D |
| 5                   | RHT-634-3400-05 | RHT-634-3435-05 |
| 5B                  | RHT-634-3400-5B | RHT-634-3435-5B |
| 8                   | RHT-634-3400-08 | RHT-634-3435-08 |

### Wiring Diagram



## M12 Splitter, to RJ45 Female, Straight



### Specification

|                             |                      |           |
|-----------------------------|----------------------|-----------|
| Number of positions         | 4                    | 8         |
| Insert arrangement (Female) |                      |           |
| Insert arrangement (Male)   |                      |           |
| Coded                       | A-Coded              | A-Coded   |
| Rated current               | 4A                   | 2A        |
| Rated voltage               | 250V AC/DC           | 30V AC/DC |
| Insulation resistance       | ≥100MΩ               |           |
| Contact resistance          | ≤5mΩ                 |           |
| Temperature range           | -25°C ~ +80°C        |           |
| Protection rating           | IP67(Mated)          |           |
| Body material               | PVC                  |           |
| Screw nut material          | Brass, Nickel Plated |           |
| Insulation material         | PA66+GF              |           |
| Contact material            | Brass, Gold Plated   |           |
| Seal                        | NBR, Black           |           |
| Shielding                   | Unshielded           |           |
| Mating cycles               | ≥500                 |           |

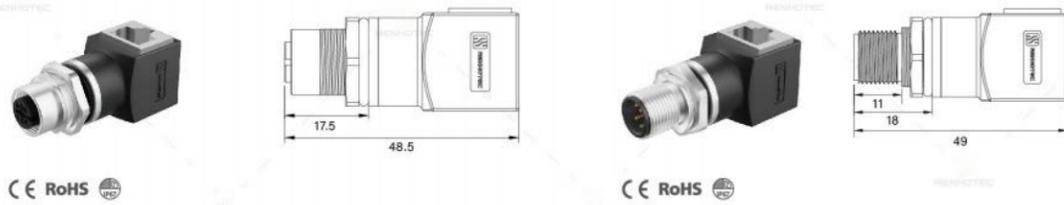
### Part Number

| Number of positions | Female       | Male         |
|---------------------|--------------|--------------|
| 4                   | RHT-634-3341 | RHT-634-3340 |
| 8                   | RHT-634-3337 | RHT-634-3336 |

### Wiring Diagram

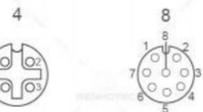


## M12 Splitter, to RJ45 Female, Angled



### Specification

Number of positions



Insert arrangement (Female)



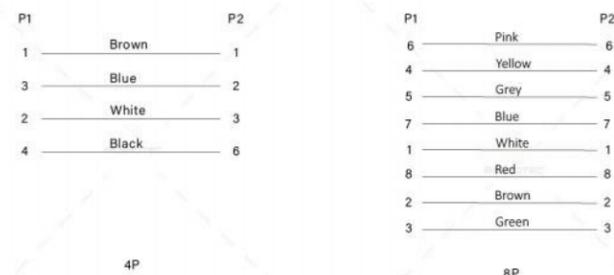
Insert arrangement (Male)

| Coded                 | A-Coded              | A-Coded   |
|-----------------------|----------------------|-----------|
| Rated current         | 4A                   | 2A        |
| Rated voltage         | 250V AC/DC           | 30V AC/DC |
| Insulation resistance | ≥100MΩ               |           |
| Contact resistance    | ≤5mΩ                 |           |
| Temperature range     | -25°C ~ +80°C        |           |
| Protection rating     | IP67(Mated)          |           |
| Body material         | PVC                  |           |
| Screw nut material    | Brass, Nickel Plated |           |
| Insulation material   | PA66+GF              |           |
| Contact material      | Brass, Gold Plated   |           |
| Seal                  | NBR, Black           |           |
| Shielding             | Unshielded           |           |
| Mating cycles         | ≥500                 |           |

### Part Number

| Number of positions | Female       | Male         |
|---------------------|--------------|--------------|
| 4                   | RHT-634-3343 | RHT-634-3342 |
| 8                   | RHT-634-3339 | RHT-634-3338 |

### Wiring Diagram



## M12 Splitter, to RJ45 Female, Straight



### Specification

Number of positions



Insert arrangement (Female)



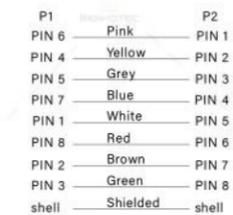
Insert arrangement (Male)

| Coded                 | A-Coded              |
|-----------------------|----------------------|
| Rated current         | 2A                   |
| Rated voltage         | 30V AC/DC            |
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -25°C ~ +80°C        |
| Protection rating     | IP67(Mated)          |
| Body material         | PVC                  |
| Screw nut material    | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact material      | Brass, Gold Plated   |
| Seal                  | NBR, Black           |
| Shielding             | Shielded             |
| Mating cycles         | ≥500                 |

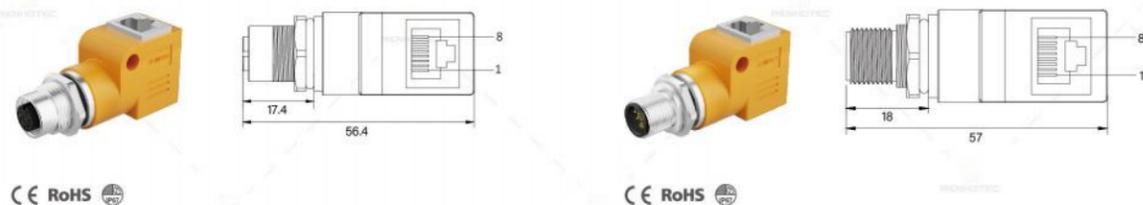
### Part Number

| Number of positions | Female               | Male            |
|---------------------|----------------------|-----------------|
| 8                   | EB-400-2221-O-F-S-08 | RHT-634-3444-08 |

### Wiring Diagram



# M12 Splitter, to RJ45 Female, Angled



## Specification

Number of positions

Insert arrangement (Female)



Insert arrangement (Male)

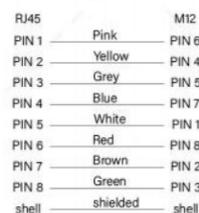


|                       |                      |
|-----------------------|----------------------|
| Coded                 | A-Coded              |
| Rated current         | 2A                   |
| Rated voltage         | 30V AC/DC            |
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -25°C ~ +80°C        |
| Protection rating     | IP67(Mated)          |
| Body material         | PVC                  |
| Screw nut material    | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact material      | Brass, Gold Plated   |
| Seal                  | NBR, Black           |
| Shielding             | Shielded             |
| Mating cycles         | ≥500                 |

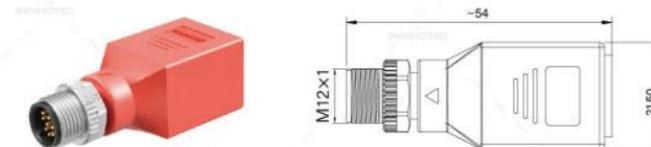
## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 8                   | RHT-634-3446-08 | RHT-634-3445-08 |

## Wiring Diagram



# M12 Splitter, to RJ45 Female, Straight



## Specification

Number of positions

Insert arrangement (Female)



Insert arrangement (Male)



|                       |                           |
|-----------------------|---------------------------|
| Coded                 | A-Coded                   |
| Rated current         | 2A                        |
| Rated voltage         | 30V AC/DC                 |
| Insulation resistance | ≥100MΩ                    |
| Contact resistance    | ≤5mΩ                      |
| Temperature range     | -25°C ~ +80°C             |
| Protection rating     | IP67(Mated)               |
| Body material         | PVC                       |
| Screw nut material    | Zinc Alloy, Nickel Plated |
| Insulation material   | PA66+GF                   |
| Contact material      | Brass, Gold Plated        |
| Seal                  | NBR, Black                |
| Shielding             | Shielded                  |
| Mating cycles         | ≥500                      |

## Part Number

| Number of positions | Male            |
|---------------------|-----------------|
| 8                   | RHT-634-3480-08 |

## Wiring Diagram



# M12 Splitter, to RJ45 Female, Straight

# M12 Splitter, to RJ45 Female, Angled



## Specification

|                             |                      |
|-----------------------------|----------------------|
| Number of positions         | 4D                   |
| Insert arrangement (Female) |                      |
| Insert arrangement (Male)   |                      |
| Coded                       | D-Coded              |
| Rated current               | 4A                   |
| Rated voltage               | 250V                 |
| Insulation resistance       | ≥100MΩ               |
| Contact resistance          | ≤5mΩ                 |
| Temperature range           | -25°C ~ +80°C        |
| Protection rating           | IP67(Mated)          |
| Body material               | PVC                  |
| Screw nut material          | Brass, Nickel Plated |
| Insulation material         | PA66+GF              |
| Contact material            | Brass, Gold Plated   |
| Seal                        | NBR, Black           |
| Shielding                   | Unshielded           |
| Mating cycles               | ≥500                 |

## Specification

|                             |                      |
|-----------------------------|----------------------|
| Number of positions         | 4D                   |
| Insert arrangement (Female) |                      |
| Insert arrangement (Male)   |                      |
| Coded                       | D-Coded              |
| Rated current               | 4A                   |
| Rated voltage               | 250V AC/DC           |
| Insulation resistance       | ≥100MΩ               |
| Contact resistance          | ≤5mΩ                 |
| Temperature range           | -25°C ~ +80°C        |
| Protection rating           | IP67(Mated)          |
| Body material               | PVC                  |
| Screw nut material          | Brass, Nickel Plated |
| Insulation material         | PA66+GF              |
| Contact material            | Brass, Gold Plated   |
| Seal                        | NBR, Black           |
| Shielding                   | Unshielded           |
| Mating cycles               | ≥500                 |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 4D                  | RHT-634-3345-4D | RHT-634-3344-4D |

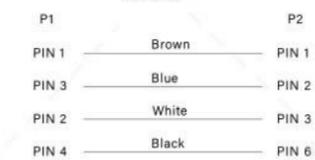
## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 4D                  | RHT-634-3347-4D | RHT-634-3346-4D |

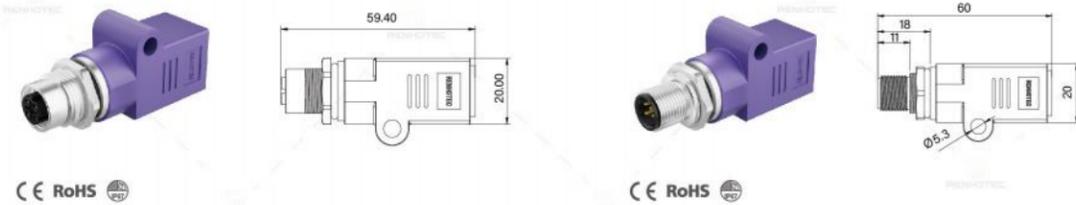
## Wiring Diagram



## Wiring Diagram



## M12 Splitter, to RJ45 Female, Straight



### Specification

|                             |                      |
|-----------------------------|----------------------|
| Number of positions         | 4D                   |
| Insert arrangement (Female) |                      |
| Insert arrangement (Male)   |                      |
| Coded                       | D-Coded              |
| Rated current               | 4A                   |
| Rated voltage               | 250V AC/DC           |
| Insulation resistance       | ≥100MΩ               |
| Contact resistance          | ≤5mΩ                 |
| Temperature range           | -25°C ~ +80°C        |
| Protection rating           | IP67(Mated)          |
| Body material               | PVC                  |
| Screw nut material          | Brass, Nickel Plated |
| Insulation material         | PA66+GF              |
| Contact material            | Brass, Gold Plated   |
| Seal                        | NBR, Black           |
| Shielding                   | Shielded             |
| Mating cycles               | ≥500                 |

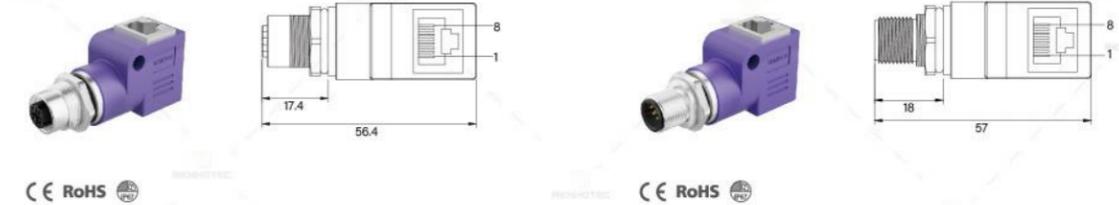
### Part Number

| Number of positions | Female               | Male                 |
|---------------------|----------------------|----------------------|
| 4D                  | EB-400-2204-P-F-S-4D | EB-400-2204-P-M-S-4D |

### Wiring Diagram



## M12 Splitter, to RJ45 Female, Angled



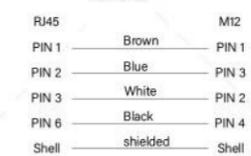
### Specification

|                             |                      |
|-----------------------------|----------------------|
| Number of positions         | 4D                   |
| Insert arrangement (Female) |                      |
| Insert arrangement (Male)   |                      |
| Coded                       | D-Coded              |
| Rated current               | 4A                   |
| Rated voltage               | 250V AC/DC           |
| Insulation resistance       | ≥100MΩ               |
| Contact resistance          | ≤5mΩ                 |
| Temperature range           | -25°C ~ +80°C        |
| Protection rating           | IP67(Mated)          |
| Body material               | PVC                  |
| Screw nut material          | Brass, Nickel Plated |
| Insulation material         | PA66+GF              |
| Contact material            | Brass, Gold Plated   |
| Seal                        | NBR, Black           |
| Shielding                   | Shielded             |
| Mating cycles               | ≥500                 |

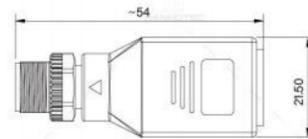
### Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 4D                  | RHT-634-3448-4D | RHT-634-3447-4D |

### Wiring Diagram



# M12 Splitter, to RJ45 Female, Straight



## Specification

Number of positions 4D

Insert arrangement (Female)



Insert arrangement (Male)



|                       |                           |
|-----------------------|---------------------------|
| Coded                 | D-Coded                   |
| Rated current         | 4A                        |
| Rated voltage         | 250V AC/50V DC            |
| Insulation resistance | ≥100MΩ                    |
| Contact resistance    | ≤5mΩ                      |
| Temperature range     | -25°C ~ +80°C             |
| Protection rating     | IP67(Mated)               |
| Body material         | PVC                       |
| Screw nut material    | Zinc Alloy, Nickel Plated |
| Insulation material   | PA66+GF                   |
| Contact material      | Brass, Gold Plated        |
| Seal                  | NBR, Black                |
| Shielding             | Shielded                  |
| Mating cycles         | ≥500                      |

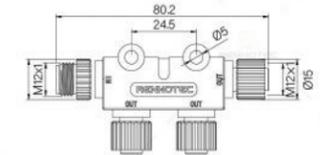
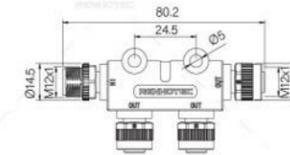
## Part Number

| Number of positions | Male            |
|---------------------|-----------------|
| 4D                  | RHT-634-3479-4D |

## Wiring Diagram

| M12   |          | RJ45  |
|-------|----------|-------|
| PIN 1 | Brown    | PIN 1 |
| PIN 3 | Blue     | PIN 2 |
| PIN 2 | White    | PIN 3 |
| PIN 4 | Black    | PIN 6 |
| Shell | Shielded | Shell |

# M12 Multi-Way 2T-Splitter, Male to 3 Female



## Specification

Number of positions 3 4 4D 5 5B 8

Insert arrangement (Female)



Insert arrangement (Male)

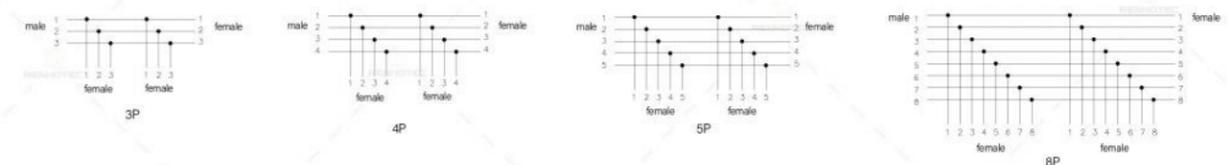


| Coded                 | A-Coded                                | A-Coded | D-Coded | A-Coded | B-Coded | A-Coded |
|-----------------------|--|---------|---------|---------|---------|---------|
| Rated current         | 4A                                     |         |         |         |         | 2A      |
| Rated voltage         | 250V                                   |         |         |         | 60V     | 30V     |
| Insulation resistance | ≥100MΩ                                 |         |         |         |         |         |
| Contact resistance    | ≤5mΩ                                   |         |         |         |         |         |
| Temperature range     | -25°C ~ +80°C                          |         |         |         |         |         |
| Protection rating     | IP67 (Mated)                           |         |         |         |         |         |
| Body material         | PVC                                    |         |         |         |         |         |
| Screw nut material    | Zinc Alloy, Electroless Nickel/PA66+GF |         |         |         |         |         |
| Insulation material   | PA66+GF                                |         |         |         |         |         |
| Contact material      | Brass, Gold Plated                     |         |         |         |         |         |
| Seal                  | FKM                                    |         |         |         |         |         |
| Shielding             | Unshielded                             |         |         |         |         |         |
| Mating cycles         | ≥500                                   |         |         |         |         |         |

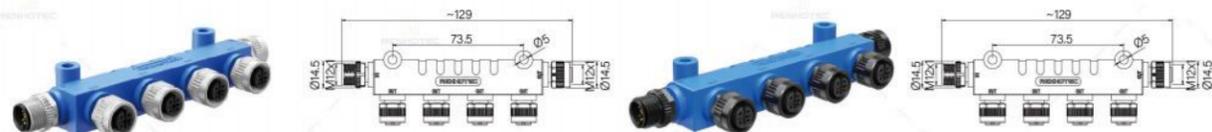
## Part Number

| Number of positions | Metal           | Plastic         |
|---------------------|-----------------|-----------------|
| 3                   | RHT-634-3401-03 | RHT-634-3453-03 |
| 4                   | RHT-634-3401-04 | RHT-634-3453-04 |
| 4D                  | RHT-634-3401-4D | RHT-634-3453-4D |
| 5                   | RHT-634-3401-05 | RHT-634-3453-05 |
| 5B                  | RHT-634-3401-5B | RHT-634-3453-5B |
| 8                   | RHT-634-3401-08 | RHT-634-3453-08 |

## Wiring Diagram



# M12 Multi-Way 4T-Splitter, Male to 5 Female



CE RoHS

CE RoHS

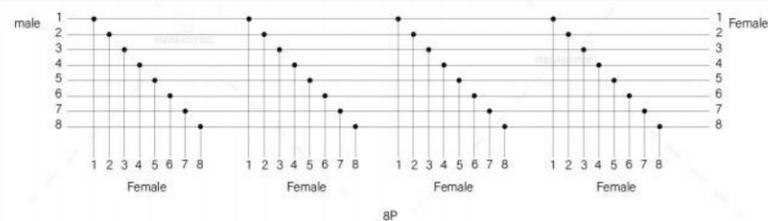
## Specification

|                             |  |         |         |         |         |         |
|-----------------------------|--|---------|---------|---------|---------|---------|
| Number of positions         | 3                                      | 4       | 4D      | 5       | 5B      | 8       |
| Insert arrangement (Female) |  |         |         |         |         |         |
| Insert arrangement (Male)   |  |         |         |         |         |         |
| Coded                       | A-Coded                                | A-Coded | D-Coded | A-Coded | B-Coded | A-Coded |
| Rated current               | 4A                                     |         |         |         |         | 2A      |
| Rated voltage               | 250V                                   |         |         |         | 60V     | 30V     |
| Insulation resistance       | ≥100MΩ                                 |         |         |         |         |         |
| Contact resistance          | ≤5mΩ                                   |         |         |         |         |         |
| Temperature range           | -25 C ~ +80 C                          |         |         |         |         |         |
| Protection rating           | IP67 (Mated)                           |         |         |         |         |         |
| Body material               | PVC                                    |         |         |         |         |         |
| Screw nut material          | Zinc Alloy, Electroless Nickel/PA66+GF |         |         |         |         |         |
| Insulation material         | PA66+GF                                |         |         |         |         |         |
| Contact material            | Brass, Gold Plated                     |         |         |         |         |         |
| Seal                        | FKM                                    |         |         |         |         |         |
| Shielding                   | Unshielded                             |         |         |         |         |         |
| Mating cycles               | ≥500                                   |         |         |         |         |         |

## Part Number

| Number of positions | Metal           | Plastic         |
|---------------------|-----------------|-----------------|
| 3                   | RHT-634-3402-03 | RHT-634-3434-03 |
| 4                   | RHT-634-3402-04 | RHT-634-3434-04 |
| 4D                  | RHT-634-3402-4D | RHT-634-3434-4D |
| 5                   | RHT-634-3402-05 | RHT-634-3434-05 |
| 5B                  | RHT-634-3402-5B | RHT-634-3434-5B |
| 8                   | RHT-634-3402-08 | RHT-634-3434-08 |

## Wiring Diagram



# M12 Tee Type Splitter Power-Tap Cable



CE RoHS

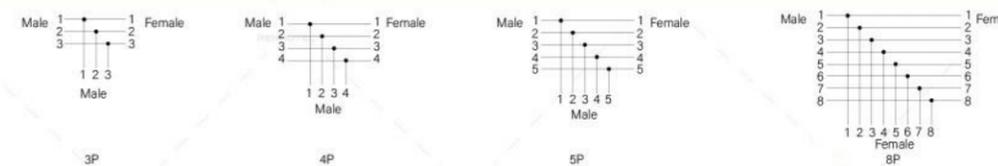
## Specification

|                             |                                |         |         |         |         |                           |
|-----------------------------|--------------------------------|---------|---------|---------|---------|---------------------------|
| Number of positions         | 3                              | 4       | 4D      | 5       | 5B      | 8                         |
| Insert arrangement (Female) |                                |         |         |         |         |                           |
| Insert arrangement (Male)   |                                |         |         |         |         |                           |
| Coded                       | A-Coded                        | A-Coded | D-Coded | A-Coded | B-Coded | A-Coded                   |
| Rated current               | 4A                             |         |         |         |         | 2A                        |
| Rated voltage               | 250V                           |         |         |         | 60V     | 30V                       |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup>      |         |         |         |         | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance       | ≥100MΩ                         |         |         |         |         |                           |
| Contact resistance          | ≤5mΩ                           |         |         |         |         |                           |
| Temperature range           | -25 C ~ +80 C                  |         |         |         |         |                           |
| Protection rating           | IP67 (Mated)                   |         |         |         |         |                           |
| Body material               | PVC                            |         |         |         |         |                           |
| Screw nut material          | Zinc Alloy, Electroless Nickel |         |         |         |         |                           |
| Insulation material         | PA66+GF                        |         |         |         |         |                           |
| Contact material            | Brass, Gold Plated             |         |         |         |         |                           |
| Cable material              | PVC/PUR/Customized             |         |         |         |         |                           |
| Cable Colour                | Violet/Customized              |         |         |         |         |                           |
| Seal                        | FKM                            |         |         |         |         |                           |
| Shielding                   | Shielded                       |         |         |         |         |                           |
| Mating cycles               | ≥500                           |         |         |         |         |                           |

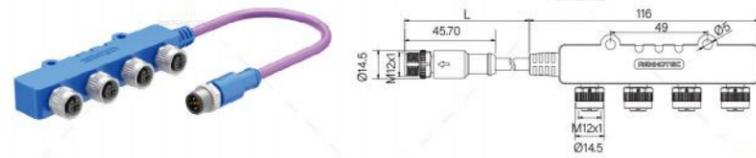
## Part Number

| Number of positions | Tee Type Splitter Power-Tap Cable |
|---------------------|-----------------------------------|
| 3                   | RHT-634-3403-03-XXX               |
| 4                   | RHT-634-3403-04-XXX               |
| 4D                  | RHT-634-3403-4D-XXX               |
| 5                   | RHT-634-3403-05-XXX               |
| 5B                  | RHT-634-3403-5B-XXX               |
| 8                   | RHT-634-3403-08-XXX               |

## Wiring Diagram



# M12 Tee Type Splitter Power-Tap Cable



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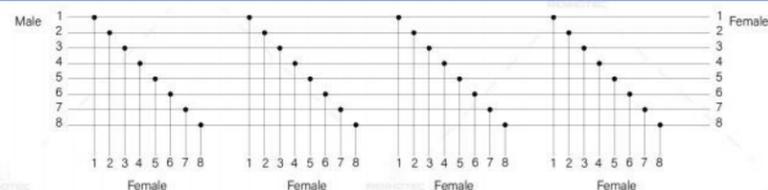
## Specification

|                             |                                |         |         |         |         |                           |
|-----------------------------|--------------------------------|---------|---------|---------|---------|---------------------------|
| Number of positions         | 3                              | 4       | 4D      | 5       | 5B      | 8                         |
| Insert arrangement (Female) |                                |         |         |         |         |                           |
| Insert arrangement (Male)   |                                |         |         |         |         |                           |
| Coded                       | A-Coded                        | A-Coded | D-Coded | A-Coded | B-Coded | A-Coded                   |
| Rated current               | 4A                             |         |         |         |         | 2A                        |
| Rated voltage               | 250V                           |         |         | 60V     |         | 30V                       |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup>      |         |         |         |         | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance       | ≥100MΩ                         |         |         |         |         |                           |
| Contact resistance          | ≤5mΩ                           |         |         |         |         |                           |
| Temperature range           | -25 C ~ +80 C                  |         |         |         |         |                           |
| Protection rating           | IP67 (Mated)                   |         |         |         |         |                           |
| Body material               | PVC                            |         |         |         |         |                           |
| Screw nut material          | Zinc Alloy, Electroless Nickel |         |         |         |         |                           |
| Insulation material         | PA66+GF                        |         |         |         |         |                           |
| Contact material            | Brass, Gold Plated             |         |         |         |         |                           |
| Cable material              | PVC/PUR/Customized             |         |         |         |         |                           |
| Cable Colour                | Violet/Customized              |         |         |         |         |                           |
| Seal                        | FKM                            |         |         |         |         |                           |
| Shielding                   | Shielded                       |         |         |         |         |                           |
| Mating cycles               | ≥500                           |         |         |         |         |                           |

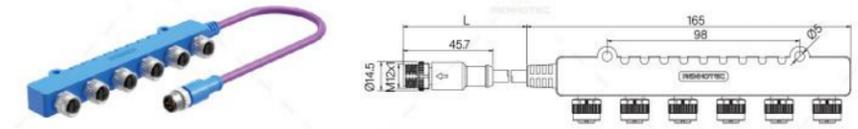
## Part Number

|                     |                     |
|---------------------|---------------------|
| Number of positions | 4 Way Female        |
| 3                   | RHT-634-3404-03-XXX |
| 4                   | RHT-634-3404-04-XXX |
| 4D                  | RHT-634-3404-4D-XXX |
| 5                   | RHT-634-3404-05-XXX |
| 5B                  | RHT-634-3404-5B-XXX |
| 8                   | RHT-634-3404-08-XXX |

## Wiring Diagram



# M12 Tee Type Splitter Power-Tap Cable



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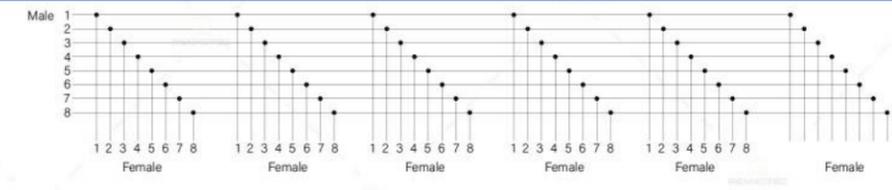
## Specification

|                             |                                |         |         |         |         |                           |
|-----------------------------|--------------------------------|---------|---------|---------|---------|---------------------------|
| Number of positions         | 3                              | 4       | 4D      | 5       | 5B      | 8                         |
| Insert arrangement (Female) |                                |         |         |         |         |                           |
| Insert arrangement (Male)   |                                |         |         |         |         |                           |
| Coded                       | A-Coded                        | A-Coded | D-Coded | A-Coded | B-Coded | A-Coded                   |
| Rated current               | 4A                             |         |         |         |         | 2A                        |
| Rated voltage               | 250V                           |         |         | 60V     |         | 30V                       |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup>      |         |         |         |         | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance       | ≥100MΩ                         |         |         |         |         |                           |
| Contact resistance          | ≤5mΩ                           |         |         |         |         |                           |
| Temperature range           | -25 C ~ +80 C                  |         |         |         |         |                           |
| Protection rating           | IP67 (Mated)                   |         |         |         |         |                           |
| Body material               | PVC                            |         |         |         |         |                           |
| Screw nut material          | Zinc Alloy, Electroless Nickel |         |         |         |         |                           |
| Insulation material         | PA66+GF                        |         |         |         |         |                           |
| Contact material            | Brass, Gold Plated             |         |         |         |         |                           |
| Cable material              | PVC/PUR/Customized             |         |         |         |         |                           |
| Cable Colour                | Violet/Customized              |         |         |         |         |                           |
| Seal                        | FKM                            |         |         |         |         |                           |
| Shielding                   | Shielded                       |         |         |         |         |                           |
| Mating cycles               | ≥500                           |         |         |         |         |                           |

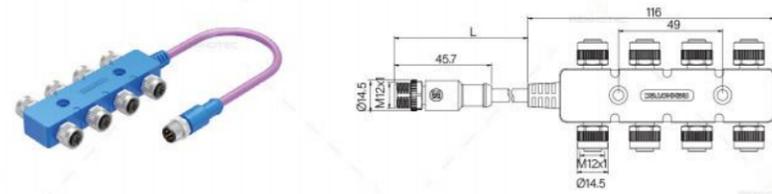
## Part Number

|                     |                     |
|---------------------|---------------------|
| Number of positions | 6 Way Female        |
| 3                   | RHT-634-3405-03-XXX |
| 4                   | RHT-634-3405-04-XXX |
| 4D                  | RHT-634-3405-4D-XXX |
| 5                   | RHT-634-3405-05-XXX |
| 5B                  | RHT-634-3405-5B-XXX |
| 8                   | RHT-634-3405-08-XXX |

## Wiring Diagram



# M12 Tee Type Splitter Power-Tap Cable



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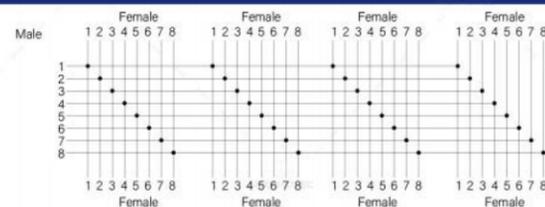
## Specification

|                             |                                |         |         |         |         |                           |
|-----------------------------|--------------------------------|---------|---------|---------|---------|---------------------------|
| Number of positions         | 3                              | 4       | 4D      | 5       | 5B      | 8                         |
| Insert arrangement (Female) |                                |         |         |         |         |                           |
| Insert arrangement (Male)   |                                |         |         |         |         |                           |
| Coded                       | A-Coded                        | A-Coded | D-Coded | A-Coded | B-Coded | A-Coded                   |
| Rated current               | 4A                             |         |         |         |         | 2A                        |
| Rated voltage               | 250V                           |         |         | 60V     |         | 30V                       |
| Rated voltage               | 22AWG/0.34mm <sup>2</sup>      |         |         |         |         | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance       | ≥100MΩ                         |         |         |         |         |                           |
| Contact resistance          | ≤5mΩ                           |         |         |         |         |                           |
| Temperature range           | -25°C ~ +80°C                  |         |         |         |         |                           |
| Protection rating           | IP67 (Mated)                   |         |         |         |         |                           |
| Body material               | PVC                            |         |         |         |         |                           |
| Screw nut material          | Zinc Alloy, Electroless Nickel |         |         |         |         |                           |
| Insulation material         | PA66+GF                        |         |         |         |         |                           |
| Contact material            | Brass, Gold Plated             |         |         |         |         |                           |
| Cable material              | PVC/PUR/Customized             |         |         |         |         |                           |
| Cable Colour                | Violet/Customized              |         |         |         |         |                           |
| Seal                        | FKM                            |         |         |         |         |                           |
| Shielding                   | Shielded                       |         |         |         |         |                           |
| Mating cycles               | ≥500                           |         |         |         |         |                           |

## Part Number

| Number of positions | 8 Way Female        |
|---------------------|---------------------|
| 3                   | RHT-634-3406-03-XXX |
| 4                   | RHT-634-3406-04-XXX |
| 4D                  | RHT-634-3406-4D-XXX |
| 5                   | RHT-634-3406-05-XXX |
| 5B                  | RHT-634-3406-5B-XXX |
| 8                   | RHT-634-3406-08-XXX |

## Wiring Diagram



# M12 Terminator with 120 Ohm Resistor



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CE RoHS

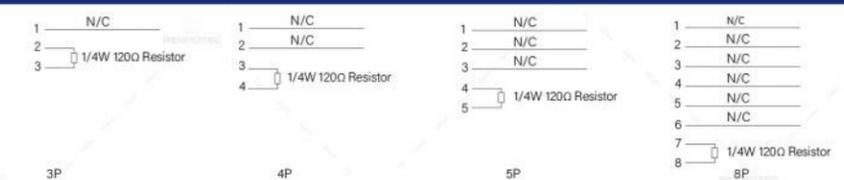
## Specification

|                             |                                |         |         |         |         |                           |
|-----------------------------|--------------------------------|---------|---------|---------|---------|---------------------------|
| Number of positions         | 3                              | 4       | 4D      | 5       | 5B      | 8                         |
| Insert arrangement (Female) |                                |         |         |         |         |                           |
| Insert arrangement (Male)   |                                |         |         |         |         |                           |
| Coded                       | A-Coded                        | A-Coded | D-Coded | A-Coded | B-Coded | A-Coded                   |
| Rated current               | 4A                             |         |         |         |         | 2A                        |
| Rated voltage               | 250V                           |         |         | 60V     |         | 30V                       |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup>      |         |         |         |         | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance       | ≥100MΩ                         |         |         |         |         |                           |
| Contact resistance          | ≤5mΩ                           |         |         |         |         |                           |
| Temperature range           | -25°C ~ +80°C                  |         |         |         |         |                           |
| Protection rating           | IP67 (Mated)                   |         |         |         |         |                           |
| Body material               | PVC                            |         |         |         |         |                           |
| Screw nut material          | Zinc Alloy, Electroless Nickel |         |         |         |         |                           |
| Insulation material         | PA66+GF                        |         |         |         |         |                           |
| Contact material            | Brass, Gold Plated             |         |         |         |         |                           |
| Resistor                    | 1/4W 120Ω±1%                   |         |         |         |         |                           |
| Seal                        | FKM                            |         |         |         |         |                           |
| Shielding                   | Shielded                       |         |         |         |         |                           |
| Mating cycles               | ≥500                           |         |         |         |         |                           |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 3                   | RHT-634-3409-03 | RHT-634-3408-03 |
| 4                   | RHT-634-3409-04 | RHT-634-3408-04 |
| 4D                  | RHT-634-3409-4D | RHT-634-3408-4D |
| 5                   | RHT-634-3409-05 | RHT-634-3408-05 |
| 5B                  | RHT-634-3409-5B | RHT-634-3408-5B |
| 8                   | RHT-634-3409-08 | RHT-634-3408-08 |

## Wiring Diagram



# M12 Terminator with 120 Ohm Resistor, Plastic



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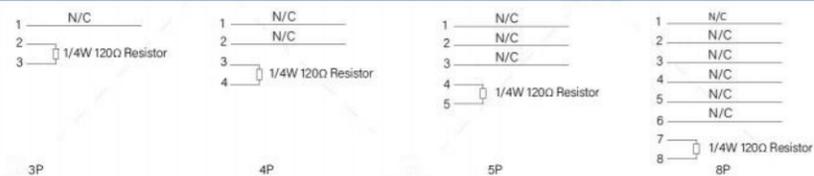
## Specification

|                             |                           |         |         |         |         |                           |
|-----------------------------|---------------------------|---------|---------|---------|---------|---------------------------|
| Number of positions         | 3                         | 4       | 4D      | 5       | 5B      | 8                         |
| Insert arrangement (Female) |                           |         |         |         |         |                           |
| Insert arrangement (Male)   |                           |         |         |         |         |                           |
| Coded                       | A-Coded                   | A-Coded | D-Coded | A-Coded | B-Coded | A-Coded                   |
| Rated current               | 4A                        |         |         |         |         | 2A                        |
| Rated voltage               | 250V                      |         | 60V     |         |         | 30V                       |
| Wire gauge                  | 22AWG/0.34mm <sup>2</sup> |         |         |         |         | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance       | ≥100MΩ                    |         |         |         |         |                           |
| Contact resistance          | ≤5mΩ                      |         |         |         |         |                           |
| Temperature range           | -25°C ~ +80°C             |         |         |         |         |                           |
| Protection rating           | IP67 (Mated)              |         |         |         |         |                           |
| Body material               | PVC                       |         |         |         |         |                           |
| Screw nut material          | PA66+GF                   |         |         |         |         |                           |
| Insulation material         | PA66+GF                   |         |         |         |         |                           |
| Contact material            | Brass, Gold Plated        |         |         |         |         |                           |
| Resistor                    | 1/4W 120Ω±1%              |         |         |         |         |                           |
| Seal                        | FKM                       |         |         |         |         |                           |
| Shielding                   | Unshielded                |         |         |         |         |                           |
| Mating cycles               | ≥500                      |         |         |         |         |                           |

## Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 3                   | RHT-634-3411-03 | RHT-634-3412-03 |
| 4                   | RHT-634-3411-04 | RHT-634-3412-04 |
| 4D                  | RHT-634-3411-4D | RHT-634-3412-4D |
| 5                   | RHT-634-3411-05 | RHT-634-3412-05 |
| 5B                  | RHT-634-3411-5B | RHT-634-3412-5B |
| 8                   | RHT-634-3411-08 | RHT-634-3412-08 |

## Wiring Diagram



# M12 Series

## X Code

### Product Features

- Compliance with IEC61076-2-109 standard.
- Data transmission up to 10 Gbit/s.
- 360° EMC shielded version available.
- Use of Cat6 wire for network and fieldbus systems.
- Cable length, material and color can be customized.



## M12 X Code General Specifications

| Interface Code type | Pins | Rated current | Rated voltage |     | Wire gauge |                 | Female Contact  | Male Contact  |
|---------------------|------|---------------|---------------|-----|------------|-----------------|---|---|
|                     |      |               | A/C           | D/C | AWG        | mm <sup>2</sup> |   |   |
| X-Code              | 8    | 0.5A          | 60V           | 60V | 24         | 0.25            |  |  |

## M12 Wiring

| Female Contact  | Wiring Colours and Sequences |               |            |      |          |              | Male Contact  |
|---|------------------------------|---------------|------------|------|----------|--------------|---|
|   | Rated current                | Rated voltage | Wire gauge |      | Contacts | Wire Colours |   |
|  | 0.5A                         | 60V           | 24         | 0.25 | 1        | WH,OG        |  |
|   |                              |               |            |      | 2        | OG           |   |
|   |                              |               |            |      | 3        | WH,GN        |   |
|   |                              |               |            |      | 4        | GN           |   |
|   |                              |               |            |      | 5        | WH,BN        |   |
|   |                              |               |            |      | 6        | BN           |   |
|   |                              |               |            |      | 7        | WH,BU        |   |
|   |                              |               |            |      | 8        | BU           |   |

## M12 Field Assembly Connector, Solder Cup, Straight



### Specification

Number of positions 8

Insert arrangement (Female) 

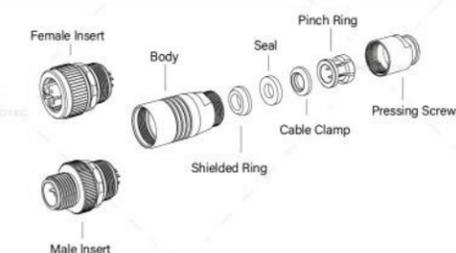
Insert arrangement (Male) 

|                       |                           |
|-----------------------|---------------------------|
| Coded                 | X-Coded                   |
| Rated current         | 0.5A                      |
| Rated voltage         | 60V                       |
| Wire gauge            | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance | ≥100MΩ                    |
| Contact resistance    | ≤5mΩ                      |
| Temperature range     | -25 C ~ +80 C             |
| Protection rating     | IP67 (Mated)              |
| Body material         | Brass, Chrome Plated      |
| Screw nut material    | Brass, Nickel Plated      |
| Insulation material   | PA66+GF                   |
| Contact termination   | Solder Cup                |
| Contact material      | Brass, Gold Plated        |
| Seal                  | NBR, Black                |
| Shielding             | Shielded                  |
| Mating cycles         | ≥500                      |

### Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 8                   | RHT-634-1193-8X | RHT-634-1294-8X |

### Component Part



## M12 Field Assembly Connector, Crimp, Straight



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### Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)

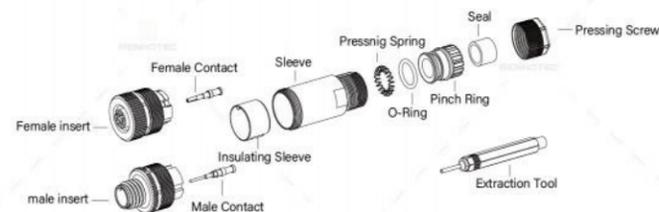


|                       |                           |
|-----------------------|---------------------------|
| Coded                 | X-Coded                   |
| Rated current         | 0.5A                      |
| Rated voltage         | 60V                       |
| Wire gauge            | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance | ≥100MΩ                    |
| Contact resistance    | ≤5mΩ                      |
| Temperature range     | -25 C ~ +80 C             |
| Protection rating     | IP67 (Mated)              |
| Body material         | Zinc Alloy, Nickel Plated |
| Screw nut material    | Brass, Nickel Plated      |
| Insulation material   | PA66+GF                   |
| Contact termination   | Crimp                     |
| Contact material      | Brass, Gold Plated        |
| Seal                  | NBR, Black                |
| Shielding             | Shielded                  |
| Mating cycles         | ≥500                      |

### Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 8                   | RHT-634-3314-8X | RHT-634-3052-8X |

### Component Part



## M12 Field Assembly Connector, Angled



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CE RoHS

### Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)

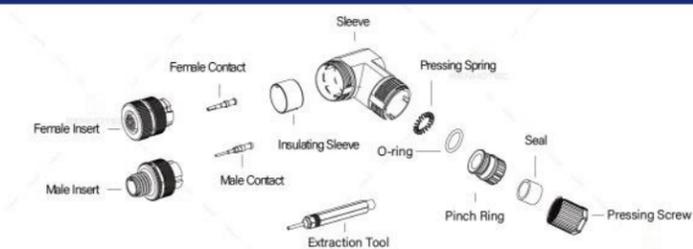


|                       |                           |
|-----------------------|---------------------------|
| Coded                 | X-Coded                   |
| Rated current         | 0.5A                      |
| Rated voltage         | 60V AC/DC                 |
| Wire gauge            | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance | ≥100MΩ                    |
| Contact resistance    | ≤5mΩ                      |
| Temperature range     | -25 C ~ +80 C             |
| Protection rating     | IP67 (Mated)              |
| Body material         | Zinc Alloy, Nickel Plated |
| Screw nut material    | Brass, Nickel Plated      |
| Insulation material   | PA66+GF                   |
| Contact termination   | Crimp/Solder Cup          |
| Contact material      | Brass, Gold Plated        |
| Seal                  | Silica gel                |
| Shielding             | Shielded                  |
| Mating cycles         | ≥500                      |

### Part Number

| Number of positions | Female(Solder Cup) | Male(Crimp)     |
|---------------------|--------------------|-----------------|
| 8                   | RHT-634-3276-8X    | RHT-634-3275-8X |

### Component Part



## M12 Panel Mount Receptacle, Rear Fastened, Solder Cup, Straight



### Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



|                            |                           |
|----------------------------|---------------------------|
| Coded                      | X-Coded                   |
| Rated current              | 0.5A                      |
| Rated voltage              | 60V AC/DC                 |
| Wire gauge                 | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance      | ≥100MΩ                    |
| Contact resistance         | ≤5mΩ                      |
| Temperature range          | -25 °C ~ +80 °C           |
| Protection rating          | IP67 (Mated)              |
| Body material              | Brass, Nickel Plated      |
| Shielding bracket material | Zinc Alloy, Nickel Plated |
| Insulation material        | PA66+GF                   |
| Contact termination        | Solder Cup                |
| Contact material           | Brass, Gold Plated        |
| Seal                       | NBR, Black                |
| Shielding                  | Shielded                  |
| Mating cycles              | ≥500                      |

### Part Number

|                     |                 |
|---------------------|-----------------|
| Number of positions | Female          |
| 8                   | RHT-634-3296-8X |

### Wiring Colours and Sequences

| Position | Color          |
|----------|----------------|
| Pin 1    | White / Orange |
| Pin 2    | Orange         |
| Pin 3    | White / Green  |
| Pin 4    | Green          |
| Pin 5    | White / Brown  |
| Pin 6    | Brown          |
| Pin 7    | White / Blue   |
| Pin 8    | Blue           |

## M12 Panel Mount Receptacle, Rear Fastened, PCB Type, Straight



### Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)

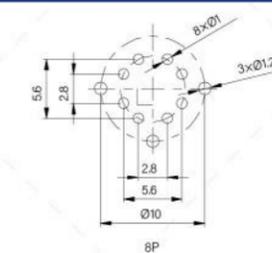


|                            |                           |
|----------------------------|---------------------------|
| Coded                      | X-Coded                   |
| Rated current              | 0.5A                      |
| Rated voltage              | 60V AC/DC                 |
| Insulation resistance      | ≥100MΩ                    |
| Contact resistance         | ≤5mΩ                      |
| Temperature range          | -25 °C ~ +80 °C           |
| Protection rating          | IP67 (Mated)              |
| Body material              | Brass, Nickel Plated      |
| Shielding bracket material | Zinc Alloy, Nickel Plated |
| Insulation material        | PA66+GF                   |
| Contact termination        | PCB Solder                |
| Contact material           | Brass, Gold Plated        |
| Seal                       | NBR, Black                |
| Shielding                  | Shielded                  |
| Mating cycles              | ≥500                      |

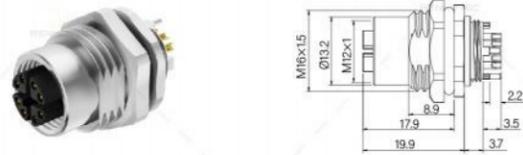
### Part Number

|                     |                 |
|---------------------|-----------------|
| Number of positions | Female          |
| 8                   | RHT-634-3028-8X |

### PCB Layout



# M12 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight



## Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



|                            |                           |
|----------------------------|---------------------------|
| Coded                      | X-Coded                   |
| Rated current              | 0.5A                      |
| Rated voltage              | 60V AC/DC                 |
| Wire gauge                 | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance      | ≥100MΩ                    |
| Contact resistance         | ≤5mΩ                      |
| Temperature range          | -25 °C ~ +80 °C           |
| Protection rating          | IP67 (Mated)              |
| Body material              | Brass, Nickel Plated      |
| Shielding bracket material | Zinc Alloy, Nickel Plated |
| Insulation material        | PA66+GF                   |
| Contact termination        | Solder Cup                |
| Contact material           | Brass, Gold Plated        |
| Seal                       | NBR, Black                |
| Shielding                  | Shielded                  |
| Mating cycles              | ≥500                      |

## Part Number

|                     |                 |
|---------------------|-----------------|
| Number of positions | Female          |
| 8                   | RHT-634-1495-8X |

## Wiring Colours and Sequences

| Position | Colour       |
|----------|--------------|
| Pin 1    | White/Orange |
| Pin 2    | Orange       |
| Pin 3    | White/Green  |
| Pin 4    | Green        |
| Pin 5    | White/Brown  |
| Pin 6    | Brown        |
| Pin 7    | White/Blue   |
| Pin 8    | Blue         |

# M12 Panel Mount Receptacle, Front Fastened, PCB Type, Straight



## Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)

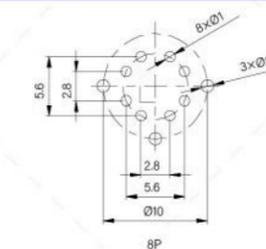


|                            |                           |
|----------------------------|---------------------------|
| Coded                      | X-Coded                   |
| Rated current              | 0.5A                      |
| Rated voltage              | 60V AC/DC                 |
| Insulation resistance      | ≥100MΩ                    |
| Contact resistance         | ≤5mΩ                      |
| Temperature range          | -25 °C ~ +80 °C           |
| Protection rating          | IP67 (Mated)              |
| Body material              | Brass, Nickel Plated      |
| Shielding bracket material | Zinc Alloy, Nickel Plated |
| Insulation material        | PA66+GF                   |
| Contact termination        | PCB Solder                |
| Contact material           | Brass, Gold Plated        |
| Seal                       | NBR, Black                |
| Shielding                  | Shielded                  |
| Mating cycles              | ≥500                      |

## Part Number

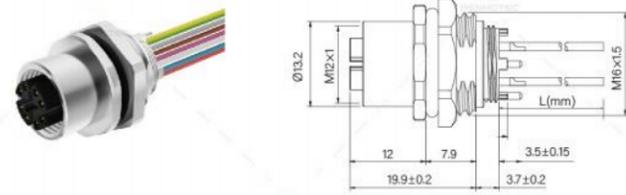
|                     |                 |
|---------------------|-----------------|
| Number of positions | Female          |
| 8                   | RHT-634-3092-8X |

## PCB Layout





## M12 Panel Mount Receptacle with Wires, Rear Fastened, Straight



### Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



|                            |                           |
|----------------------------|---------------------------|
| Coded                      | X-Coded                   |
| Rated current              | 0.5A                      |
| Rated voltage              | 60V AC/DC                 |
| Wire gauge                 | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance      | ≥100MΩ                    |
| Contact resistance         | ≤5mΩ                      |
| Temperature range          | -25 C ~ +80 C             |
| Protection rating          | IP67 (Mated)              |
| Body material              | Brass, Nickel Plated      |
| Shielding bracket material | Zinc Alloy, Nickel Plated |
| Insulation material        | PA66+GF                   |
| Contact termination        | Solder Cup                |
| Contact material           | Brass, Gold Plated        |
| Wires material             | PVC                       |
| Seal                       | NBR, Black                |
| Shielding                  | Unshielded                |
| Mating cycles              | ≥500                      |

### Part Number

| Number of positions | Wire Length | Female              |
|---------------------|-------------|---------------------|
| 8                   | 0.3m        | RHT-634-3296-8X-030 |
|                     | Customized  | RHT-634-3296-8X-XXX |

## M12 Panel Mount Receptacle with Wires, Front Fastened, Straight



### Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



|                            |                           |
|----------------------------|---------------------------|
| Coded                      | X-Coded                   |
| Rated current              | 0.5A                      |
| Rated voltage              | 60V AC/DC                 |
| Wire gauge                 | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance      | ≥100MΩ                    |
| Contact resistance         | ≤5mΩ                      |
| Temperature range          | -25 C ~ +80 C             |
| Protection rating          | IP67 (Mated)              |
| Body material              | Brass, Nickel Plated      |
| Shielding bracket material | Zinc Alloy, Nickel Plated |
| Insulation material        | PA66+GF                   |
| Contact termination        | Solder Cup                |
| Contact material           | Brass, Gold Plated        |
| Wires material             | PVC                       |
| Seal                       | NBR, Black                |
| Shielding                  | Unshielded                |
| Mating cycles              | ≥500                      |

### Part Number

| Number of positions | Wire Length | Female              |
|---------------------|-------------|---------------------|
| 8                   | 0.3m        | RHT-634-1495-8X-030 |
|                     | Customized  | RHT-634-1495-8X-XXX |

## M12 Panel Mount Receptacle with Wires, Front Fastened, Straight



### Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



|                            |                           |
|----------------------------|---------------------------|
| Coded                      | X-Coded                   |
| Rated current              | 0.5A                      |
| Rated voltage              | 60V AC/DC                 |
| Wire gauge                 | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance      | ≥100MΩ                    |
| Contact resistance         | ≤5mΩ                      |
| Temperature range          | -20 C ~ +80 C             |
| Protection rating          | IP67 (Mated)              |
| Body material              | Brass, Nickel Plated      |
| Shielding bracket material | Zinc Alloy, Nickel Plated |
| Insulation material        | PA66+GF                   |
| Contact termination        | Solder Cup                |
| Contact material           | Brass, Gold Plated        |
| Wire material              | PVC                       |
| Seal                       | NBR, Black                |
| Shielding                  | Shielded                  |
| Mating cycles              | ≥500                      |

### Part Number

| Number of positions | Wire Length | Female              | Male                |
|---------------------|-------------|---------------------|---------------------|
| 8                   | 0.3m        | RHT-634-3297-8X-030 | RHT-634-3532-8X-030 |
|                     | Customized  | RHT-634-3297-8X-XXX | RHT-634-3532-8X-XXX |

## M12 Single-ended Cable with CAT6A S/FTP Ethernet, EMI-Shielded, Straight



### Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



|                            |                           |
|----------------------------|---------------------------|
| Coded                      | X-Coded                   |
| Rated current              | 0.5A                      |
| Rated voltage              | 60V AC/DC                 |
| Wire gauge                 | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance      | ≥100MΩ                    |
| Contact resistance         | ≤5mΩ                      |
| Temperature range          | -20 C ~ +80 C             |
| Protection rating          | IP67 (Mated)              |
| Body material              | Brass, Nickel Plated      |
| Shielding bracket material | Zinc Alloy, Nickel Plated |
| Insulation material        | PA66+GF                   |
| Contact termination        | Solder Cup                |
| Contact material           | Brass, Gold Plated        |
| Cable material             | PVC/PUR/Customized        |
| Seal                       | NBR, Black                |
| Shielding                  | EMI-Shielded              |
| Mating cycles              | ≥500                      |

### Part Number

| Number of positions | Cable Length | Female                 |                        | Male                   |                        |
|---------------------|--------------|------------------------|------------------------|------------------------|------------------------|
|                     |              | PVC                    | PUR                    | PVC                    | PUR                    |
| 8                   | 1m           | RHT-605-10151-8X-C-100 | RHT-605-10151-8X-R-100 | RHT-605-10142-8X-C-100 | RHT-605-10142-8X-R-100 |
|                     | Customized   | RHT-605-10151-8X-C-XXX | RHT-605-10151-8X-R-XXX | RHT-605-10142-8X-C-XXX | RHT-605-10142-8X-R-XXX |

## M12 Single-ended Cable with CAT6A S/FTP Ethernet , EMI-Shielded, Angled

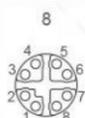


CE RoHS

### Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



|                            |                           |
|----------------------------|---------------------------|
| Coded                      | X-Coded                   |
| Rated current              | 0.5A                      |
| Rated voltage              | 60V AC/DC                 |
| Wire gauge                 | 24AWG/0.25mm <sup>2</sup> |
| Insulation resistance      | ≥100MΩ                    |
| Contact resistance         | ≤5mΩ                      |
| Temperature range          | -20 C ~ +80 C             |
| Protection rating          | IP67 (Mated)              |
| Body material              | Brass, Nickel Plated      |
| Shielding bracket material | Zinc Alloy, Nickel Plated |
| Insulation material        | PA66+GF                   |
| Contact termination        | Solder Cup                |
| Contact material           | Brass, Gold Plated        |
| Cable material             | PVC/PUR/Customized        |
| Seal                       | NBR, Black                |
| Shielding                  | EMI-Shielded              |
| Mating cycles              | ≥500                      |

### Part Number

| Number of positions | Cable Length | Male                   |                        |
|---------------------|--------------|------------------------|------------------------|
|                     |              | PVC                    | PUR                    |
| 8                   | 1m           | RHT-605-10143-8X-C-100 | RHT-605-10143-8X-R-100 |
|                     | Customized   | RHT-605-10143-8X-C-XXX | RHT-605-10143-8X-R-XXX |

## M12 Splitter, to RJ45 Female, Straight



CE RoHS

CE RoHS

### Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



|                       |                      |
|-----------------------|----------------------|
| Coded                 | X-Coded              |
| Rated current         | 0.5A                 |
| Rated voltage         | 50V AC/60V DC        |
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -25 C ~ +80 C        |
| Protection rating     | IP67 (Mated)         |
| Body material         | PVC                  |
| Screw nut material    | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact material      | Brass, Gold Plated   |
| Seal                  | NBR, Black           |
| Shielding             | Shielded             |
| Mating cycles         | ≥500                 |

### Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 8                   | RHT-634-3450-8X | RHT-634-3449-8X |

### Wiring Diagram



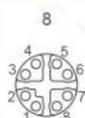
## M12 Splitter, to RJ45 Female, Angled



### Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)



|                       |                      |
|-----------------------|----------------------|
| Coded                 | X-Coded              |
| Rated current         | 0.5A                 |
| Rated voltage         | 50V AC/60V DC        |
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -25°C ~ +80°C        |
| Protection rating     | IP67 (Mated)         |
| Body material         | PVC                  |
| Screw nut material    | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact material      | Brass, Gold Plated   |
| Seal                  | NBR, Black           |
| Shielding             | Shielded             |
| Mating cycles         | ≥500                 |

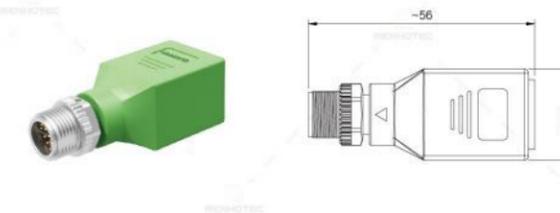
### Part Number

| Number of positions | Female          | Male            |
|---------------------|-----------------|-----------------|
| 8                   | RHT-634-3452-08 | RHT-634-3451-08 |

### Wiring Diagram



## M12 Splitter, to RJ45 Female, Straight



### Specification

Number of positions 8

Insert arrangement (Female)



Insert arrangement (Male)

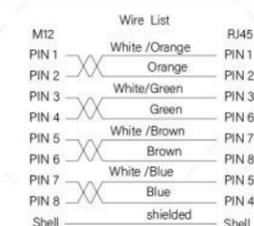


|                       |                      |
|-----------------------|----------------------|
| Coded                 | X-Coded              |
| Rated current         | 0.5A                 |
| Rated voltage         | 50V AC/60V DC        |
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -25°C ~ +80°C        |
| Protection rating     | IP67 (Mated)         |
| Body material         | PVC                  |
| Screw nut material    | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact material      | Brass, Gold Plated   |
| Seal                  | NBR, Black           |
| Shielding             | Shielded             |
| Mating cycles         | ≥500                 |

### Part Number

| Number of positions | Male            |
|---------------------|-----------------|
| 8                   | RHT-634-3478-8X |

### Wiring Diagram



# M12 Series

## Power

### Product Features

- Compliance with IEC61076-2-111 standard.
- Rated current: 16A, rated voltage: 800V.
- 360° EMC shielded version available.
- For AC and DC, anti-wrong plugging.
- Cable length, material and color can be customized.



## M12 Power General Specifications

| Interface Code type | Pins | Rated current | Rated voltage |      | Wire gauge |                 | Female Contact | Male Contact |
|---------------------|------|---------------|---------------|------|------------|-----------------|----------------|--------------|
|                     |      |               | A/C           | D/C  | AWG        | mm <sup>2</sup> |                |              |
| S-Code              | 3    | 12A           | 630V          | 630V | 16         | 1.5             |                |              |
|                     | 4    | 12A           | 630V          | 630V | 16         | 1.5             |                |              |
| T-Code              | 2    | 12A           | 60V           | 60V  | 16         | 1.5             |                |              |
|                     | 2+PE | 12A           | 60V           | 60V  | 16         | 1.5             |                |              |
|                     | 3+PE | 12A           | 60V           | 60V  | 16         | 1.5             |                |              |
| K-Code              | 2    | 16A           | 800V          | 800V | 16         | 2.5             |                |              |
|                     | 2+PE | 16A           | 800V          | 800V | 16         | 2.5             |                |              |
|                     | 3+PE | 16A           | 800V          | 800V | 16         | 2.5             |                |              |
|                     | 4+PE | 16A           | 800V          | 800V | 16         | 2.5             |                |              |
| L-Code              | 2    | 16A           | 63A           | 63A  | 14         | 2.5             |                |              |
|                     | 2+PE | 16A           | 63A           | 63A  | 14         | 2.5             |                |              |
|                     | 3    | 16A           | 63A           | 63A  | 14         | 2.5             |                |              |
|                     | 3+PE | 16A           | 63A           | 63A  | 14         | 2.5             |                |              |
|                     | 4    | 16A           | 63A           | 63A  | 14         | 2.5             |                |              |
|                     | 4+PE | 16A           | 63A           | 63A  | 14         | 2.5             |                |              |

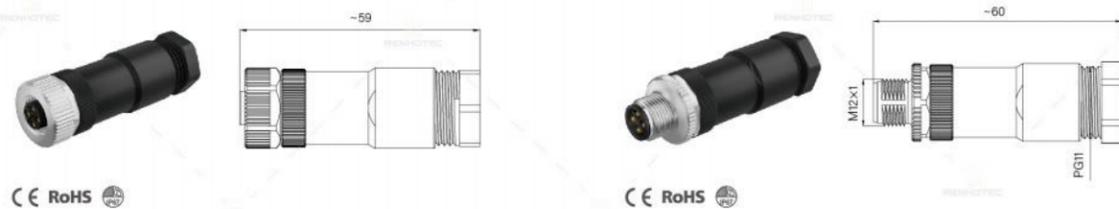
# M12 Power General Specifications

| Interface Code type | Pins | Rated current | Rated voltage |      | Wire gauge |                 | Female Contact | Male Contact |
|---------------------|------|---------------|---------------|------|------------|-----------------|----------------|--------------|
|                     |      |               | A/C           | D/C  | AWG        | mm <sup>2</sup> |                |              |
| M-Code              | 2    | 8A            | 630V          | 630V | 16         | 1.5             |                |              |
|                     | 2+PE | 8A            | 630V          | 630V | 16         | 1.5             |                |              |
|                     | 3+PE | 8A            | 630V          | 630V | 16         | 1.5             |                |              |
|                     | 4+PE | 8A            | 630V          | 630V | 16         | 1.5             |                |              |
|                     | 5+PE | 8A            | 630V          | 630V | 16         | 1.5             |                |              |

# M12 Power Series Wiring

| Female/Male Contact                                 | Wiring Colours and Sequences |                |
|---|------------------------------|----------------|
| T-Coded<br>K-Coded<br>L-Coded<br>M-Coded            | Contacts                     | Wire Colours   |
|   |                              | (2Pin)         |
|   | 1                            | BK             |
|   | 2                            | BK             |
| S-Coded<br>T-Coded<br>K-Coded<br>L-Coded<br>M-Coded | Contacts                     | Wire Colours   |
|   |                              | (2+PE)         |
|   | 1                            | BK             |
|   | 2                            | BK             |
|   | PE                           | GNYE           |
| L-Coded   | Contacts                     | Wire Colours   |
|   |                              | (3Pin)         |
|   | 1                            | BK             |
|   | 2                            | BK             |
|   | 3                            | BK             |
| S-Coded<br>T-Coded<br>K-Coded<br>L-Coded<br>M-Coded | Contacts                     | Wire Colours   |
|   |                              | (3+PE)         |
|   | 1                            | BK             |
|   | 2                            | BK             |
|   | 3                            | BK             |
|   | PE                           | GNYE           |
| L-Coded   | Contacts                     | Wire Colours   |
|   |                              | (4Pin)         |
|   | 1                            | BN             |
|   | 2                            | WH             |
|   | 3                            | BU             |
|   | 4                            | BK             |
| L-Coded<br>M-Coded                                  | Contacts                     | Wire Colours   |
|   |                              | (4+PE)         |
|   | 1                            | BN             |
|   | 2                            | WH             |
|   | 3                            | BU             |
|   | 4                            | BK             |
|   | PE                           | GY             |
| K-Coded   | Contacts                     | Wire Colours   |
|   |                              | (4+PE, K-Code) |
|   | 1                            | BK             |
|   | 2                            | BK             |
|   | 3                            | BK             |
|   | 4                            | BK             |
|   | PE                           | GNYE           |
| M-Coded   | Contacts                     | Wire Colours   |
|   |                              | (5+PE, M-Code) |
|   | 1                            | BK             |
|   | 2                            | BK             |
|   | 3                            | BK             |
|   | 4                            | BK             |
|   | 5                            | BK             |

## M12 Field Assembly Connector, Screw Termination, Straight



CE RoHS

CE RoHS

### Specification

|                       |                     |
|-----------------------|---------------------|
| Insulation resistance | ≥100MΩ              |
| Contact resistance    | ≤5mΩ                |
| Temperature range     | -25 C ~ +80 C       |
| Protection rating     | IP67 (Mated)        |
| Body material         | PA66                |
| Screw nut material    | Zinc, Nickel Plated |
| Insulation material   | PA66+GF             |
| Contact termination   | Screw Termination   |
| Contact material      | Brass, Gold Plated  |
| Seal                  | NBR, Black          |
| Shielding             | Unshielded          |
| Mating cycles         | ≥500                |

### Part Number

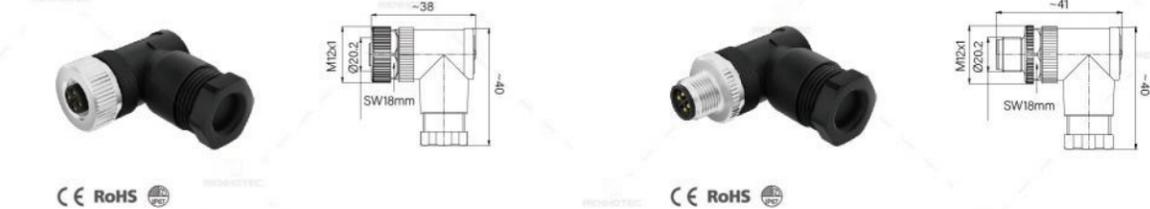
RHT -634-XXXX -S03

**Code: Pin**  
 S: 03, 04  
 T: 02,2+PE,3+PE  
 K: 02,2+PE,3+PE,4+PE  
 L: 02,2+PE,03,3+PE,04,4+PE  
 M: 02,2+PE,3+PE,4+PE,5+PE

**Model Number**  
 Female: 634-3187  
 Male: 634-3186

RENHOTEC

## M12 Field Assembly Connector, Screw Termination, Angled



CE RoHS

CE RoHS

### Specification

|                       |                     |
|-----------------------|---------------------|
| Insulation resistance | ≥100MΩ              |
| Contact resistance    | ≤5mΩ                |
| Temperature range     | -25 C ~ +80 C       |
| Protection rating     | IP67 (Mated)        |
| Body material         | PA66                |
| Screw nut material    | Zinc, Nickel Plated |
| Insulation material   | PA66+GF             |
| Contact termination   | Screw Termination   |
| Contact material      | Brass, Gold Plated  |
| Seal                  | NBR, Black          |
| Shielding             | Unshielded          |
| Mating cycles         | ≥500                |

### Part Number

RHT -634-XXXX -S03

**Code: Pin**  
 S: 03, 04  
 T: 02,2+PE,3+PE  
 K: 02,2+PE,3+PE,4+PE  
 L: 02,2+PE,03,3+PE,04,4+PE  
 M: 02,2+PE,3+PE,4+PE,5+PE

**Model Number**  
 Female: 634-3564  
 Male: 634-3563

RENHOTEC

## M12 Field Assembly Connector, Solder Cup, Straight



| Specification         |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -25 C ~ +80 C        |
| Protection rating     | IP67 (Mated)         |
| Body material         | Brass, Nickel Plated |
| Screw nut material    | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact termination   | Solder Cup           |
| Contact material      | Brass, Gold Plated   |
| Seal                  | NBR, Black           |
| Shielding             | Shielded             |
| Mating cycles         | ≥500                 |

| Part Number   |           |      |
|---|-----------|------|
| RHT   | -634-XXXX | -S03 |
| <p><b>Code: Pin</b><br/>                     S: 03, 04<br/>                     T: 02,2+PE,3+PE<br/>                     K: 02,2+PE,3+PE,4+PE<br/>                     L: 02,2+PE,03,3+PE,04,4+PE<br/>                     M: 02,2+PE,3+PE,4+PE,5+PE</p> <p><b>Model Number</b><br/>                     Female: 634-3539<br/>                     Male: 634-3538</p> |           |      |
| RENHOTEC  |           |      |

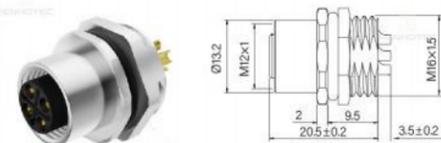
## M12 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight



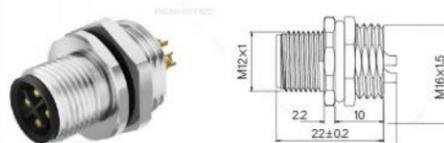
| Specification         |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -25 C ~ +80 C        |
| Protection rating     | IP67 (Mated)         |
| Body material         | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact termination   | Solder Cup           |
| Contact material      | Brass, Gold Plated   |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

| Part Number   |           |      |
|---|-----------|------|
| RHT   | -634-XXXX | -S03 |
| <p><b>Code: Pin</b><br/>                     S: 03, 04<br/>                     T: 02,2+PE,3+PE<br/>                     K: 02,2+PE,3+PE,4+PE<br/>                     L: 02,2+PE,03,3+PE,04,4+PE<br/>                     M: 02,2+PE,3+PE,4+PE,5+PE</p> <p><b>Model Number</b><br/>                     Female: 634-3298<br/>                     Male: 634-3300</p> |           |      |
| RENHOTEC  |           |      |

## M12 Panel Mount Receptacle, Rear Fastened, Solder Cup, Straight



CE RoHS



CE RoHS

### Specification

|                       |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -25°C ~ +80°C        |
| Protection rating     | IP67 (Mated)         |
| Body material         | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact termination   | Solder Cup           |
| Contact material      | Brass, Gold Plated   |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

### Part Number

RHT -634-XXXX -S03

#### Code: Pin

S: 03, 04  
 T: 02,2+PE,3+PE  
 K: 02,2+PE,3+PE,4+PE  
 L: 02,2+PE,03,3+PE,04,4+PE  
 M: 02,2+PE,3+PE,4+PE,5+PE

#### Model Number

Female: 634-3219  
 Male: 634-3218

RENHOTEC

## M12 Panel Mount Receptacle, Flange Fastened, Solder Cup, Straight



CE RoHS



CE RoHS

### Specification

|                       |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -20°C ~ +80°C        |
| Protection rating     | IP67 (Mated)         |
| Body material         | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact termination   | Solder Cup           |
| Contact material      | Brass, Gold Plated   |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

### Part Number

RHT -634-XXXX -S03

#### Code: Pin

S: 03, 04  
 T: 02,2+PE,3+PE  
 K: 02,2+PE,3+PE,4+PE  
 L: 02,2+PE,03,3+PE,04,4+PE  
 M: 02,2+PE,3+PE,4+PE,5+PE

#### Model Number

Female: 634-3302  
 Male: 634-3301

RENHOTEC

## M12 Panel Mount Receptacle, Front Fastened, PCB Type, Straight



CE RoHS

CE RoHS

### Specification

|                       |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -25°C ~ +80°C        |
| Protection rating     | IP67 (Mated)         |
| Body material         | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact termination   | PCB Solder           |
| Contact material      | Brass, Gold Plated   |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

### Part Number

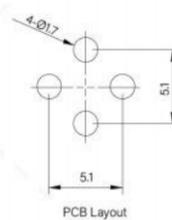
RHT -634-XXXX -S03

**Code: Pin**  
 S: 03, 04  
 T: 02,2+PE,3+PE  
 K: 02,2+PE,3+PE,4+PE  
 L: 02,2+PE,03,3+PE,04,4+PE  
 M: 02,2+PE,3+PE,4+PE,5+PE

**Model Number**  
 Female: 634-3299  
 Male: 634-3250

RENHOTEC

### Wiring Diagram



## M12 Panel Mount Receptacle with Wires, Front Fastened, Straight



CE RoHS

CE RoHS

### Specification

|                       |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -40°C ~ +80°C        |
| Protection rating     | IP67 (Mated)         |
| Body material         | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact termination   | Solder Cup           |
| Contact material      | Brass, Gold Plated   |
| Wire material         | PVC                  |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

### Part Number

RHT -634-XXXX -S03 -XXX

**Wire Length**  
 030 (0.3m)  
 XXX (Customized)

**Code: Pin**  
 S: 03, 04  
 T: 02,2+PE,3+PE  
 K: 02,2+PE,3+PE,4+PE  
 L: 02,2+PE,03,3+PE,04,4+PE  
 M: 02,2+PE,3+PE,4+PE,5+PE

**Model Number**  
 Female: 634-3298  
 Male: 634-3300

RENHOTEC

## M12 Panel Mount Receptacle with Wires, Rear Fastened, Straight



CE RoHS

CE RoHS

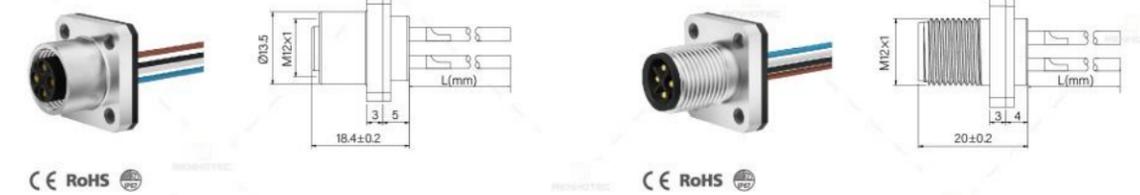
### Specification

|                       |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -20°C ~ +80°C        |
| Protection rating     | IP67 (Mated)         |
| Body material         | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact termination   | Solder Cup           |
| Contact material      | Brass, Gold Plated   |
| Wire material         | PVC                  |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

### Part Number

|          |           |      |      |   |
|----------|-----------|------|------|---|
| RHT      | -634-XXXX | -S03 | -XXX | <b>Wire Length</b><br>030 (0.3m)<br>XXX (Customized)  |
|          |           |      |      | <b>Code: Pin</b><br>S: 03, 04<br>T: 02,2+PE,3+PE<br>K: 02,2+PE,3+PE,4+PE<br>L: 02,2+PE,03,3+PE,04,4+PE<br>M: 02,2+PE,3+PE,4+PE,5+PE |
|          |           |      |      | <b>Model Number</b><br>Female: 634-3219<br>Male: 634-3218   |
| RENHOTEK |           |      |      |   |

## M12 Panel Mount Receptacle with Wires, Flange Fastened, Straight



CE RoHS

CE RoHS

### Specification

|                       |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -20°C ~ +80°C        |
| Protection rating     | IP67 (Mated)         |
| Body material         | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact termination   | Solder Cup           |
| Contact material      | Brass, Gold Plated   |
| Wire material         | PVC                  |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

### Part Number

|          |           |      |      |   |
|----------|-----------|------|------|---|
| RHT      | -634-XXXX | -S03 | -XXX | <b>Wire Length</b><br>030 (0.3m)<br>XXX (Customized)  |
|          |           |      |      | <b>Code: Pin</b><br>S: 03, 04<br>T: 02,2+PE,3+PE<br>K: 02,2+PE,3+PE,4+PE<br>L: 02,2+PE,03,3+PE,04,4+PE<br>M: 02,2+PE,3+PE,4+PE,5+PE |
|          |           |      |      | <b>Model Number</b><br>Female: 634-3302<br>Male: 634-3301   |
| RENHOTEK |           |      |      |   |

## M12 Single-ended Cable, Straight



CE RoHS

CE RoHS

### Specification

|                       |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -20 °C ~ +80 °C      |
| Protection rating     | IP67 (Mated)         |
| Over-molding material | PVC/TPU              |
| Screw nut material    | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact termination   | Solder Cup           |
| Contact material      | Brass, Gold Plated   |
| Cable material        | PVC/PUR/Customized   |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

### Part Number

|     |     |     |      |    |      |   |
|-----|-----|-----|------|----|------|---|
| RHT | M12 | -FS | -S03 | -C | -XXX | <b>Cable Length</b><br>100 (1m)<br>XXX (Customized)   |
|     |     |     |      |    |      | <b>Cable material</b><br>C-PVC<br>R-PUR   |
|     |     |     |      |    |      | <b>Code: Pin</b><br>S: 03, 04<br>T: 02,2+PE,3+PE<br>K: 02,2+PE,3+PE,4+PE<br>L: 02,2+PE,03,3+PE,04,4+PE<br>M: 02,2+PE,3+PE,4+PE,5+PE |
|     |     |     |      |    |      | <b>Connector Type</b><br>FS: Female Straight<br>FR: Female Right Angled<br>MS: Male Straight<br>MR: Male Plug Right Angled          |
|     |     |     |      |    |      | <b>Series</b><br>RENHOTEC   |

## M12 Single-ended Cable, Angled



CE RoHS

CE RoHS

### Specification

|                       |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -20 °C ~ +80 °C      |
| Protection rating     | IP67 (Mated)         |
| Over-molding material | PVC/TPU              |
| Screw nut material    | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact termination   | Solder Cup           |
| Contact material      | Brass, Gold Plated   |
| Cable material        | PVC/PUR/Customized   |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

### Part Number

|     |     |     |      |    |      |   |
|-----|-----|-----|------|----|------|---|
| RHT | M12 | -FS | -S03 | -C | -XXX | <b>Cable Length</b><br>100 (1m)<br>XXX (Customized)   |
|     |     |     |      |    |      | <b>Cable material</b><br>C-PVC<br>R-PUR   |
|     |     |     |      |    |      | <b>Code: Pin</b><br>S: 03, 04<br>T: 02,2+PE,3+PE<br>K: 02,2+PE,3+PE,4+PE<br>L: 02,2+PE,03,3+PE,04,4+PE<br>M: 02,2+PE,3+PE,4+PE,5+PE |
|     |     |     |      |    |      | <b>Connector Type</b><br>FS: Female Straight<br>FR: Female Right Angled<br>MS: Male Straight<br>MR: Male Plug Right Angled          |
|     |     |     |      |    |      | <b>Series</b><br>RENHOTEC   |

## M12 Tee Type Splitter, Female to Male / Female



| Specification         |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -25°C ~ +80°C        |
| Protection rating     | IP67 (Mated)         |
| Body material         | PVC                  |
| Screw nut material    | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact material      | Brass, Gold Plated   |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

| Part Number   |           |      |
|---|-----------|------|
| RHT   | -634-XXXX | -S03 |
| <p><b>Code: Pin</b><br/>                     S: 03, 04<br/>                     T: 02,2+PE,3+PE<br/>                     K: 02,2+PE,3+PE,4+PE<br/>                     L: 02,2+PE,03,3+PE,04,4+PE<br/>                     M: 02,2+PE,3+PE,4+PE,5+PE</p> <p><b>Model Number</b><br/>                     S: 3468<br/>                     T: 3469<br/>                     K: 3470<br/>                     L: 3471</p> |           |      |
| RENHOTEC  |           |      |

## M12 H Type Splitter, Female to Male Female



| Specification         |                      |
|-----------------------|----------------------|
| Insulation resistance | ≥100MΩ               |
| Contact resistance    | ≤5mΩ                 |
| Temperature range     | -25°C ~ +80°C        |
| Protection rating     | IP67 (Mated)         |
| Body material         | PVC                  |
| Screw nut material    | Brass, Nickel Plated |
| Insulation material   | PA66+GF              |
| Contact termination   | Solder Cup           |
| Contact material      | Brass, Gold Plated   |
| Seal                  | NBR, Black           |
| Shielding             | Unshielded           |
| Mating cycles         | ≥500                 |

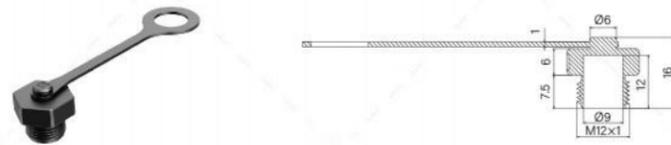
| Part Number   |           |      |
|---|-----------|------|
| RHT   | -634-XXXX | -S03 |
| <p><b>Code: Pin</b><br/>                     S: 03, 04<br/>                     T: 02,2+PE,3+PE<br/>                     K: 02,2+PE,3+PE,4+PE<br/>                     L: 02,2+PE,03,3+PE,04,4+PE<br/>                     M: 02,2+PE,3+PE,4+PE,5+PE</p> <p><b>Model Number</b><br/>                     S: 3472<br/>                     T: 3473<br/>                     K: 3474<br/>                     L: 3475</p> |           |      |
| RENHOTEC  |           |      |

## M12 Dust Cap for Male Connector, with Chain, Plastic



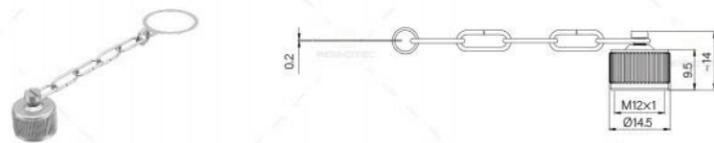
| Specification  |              |
|----------------|--------------|
| Body material  | PA66         |
| Chain material | PU           |
| Seal           | NBR          |
| Ordering No    | RHT-700-0371 |

## M12 Dust Cap for Female Connector, with Chain, Plastic



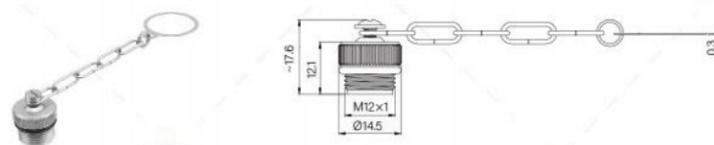
| Specification  |              |
|----------------|--------------|
| Body material  | PA66         |
| Chain material | PU           |
| Seal           | NBR          |
| Ordering No    | RHT-700-0130 |

## M12 Dust Cap for Male Connector, with Chain, Metal



| Specification  |                      |
|----------------|----------------------|
| Body material  | Brass, Nickel Plated |
| Chain material | Brass                |
| Seal           | NBR                  |
| Ordering No    | RHT-700-0382         |

## M12 Dust Cap for Female Connector, with Chain, Metal



| Specification  |                      |
|----------------|----------------------|
| Body material  | Brass, Nickel Plated |
| Chain material | Brass                |
| Seal           | NBR                  |
| Ordering No    | RHT-700-0429         |