



RENHOTEC GROUP LIMITED

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M8 Series

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

M8 SERIES



06

Part No. RHT-634-3369



06

RHT-634-3368



07

RHT-634-1330



07

RHT-634-1354



08

Part No. RHT-634-3231



08

RHT-634-3230



09

RHT-634-1278



09

RHT-634-3118



10

Part No. RHT-634-3127



10

RHT-634-3232



11

RHT-634-1421



11

RHT-634-1300



12

Part No. RHT-634-1298



12

RHT-634-1296



13

RHT-634-1201



13

RHT-634-1307



14

Part No. RHT-634-3233



14

RHT-634-1412



15

RHT-634-3150



15

RHT-634-1301

M8 SERIES



16

Part No. RHT-634-3234



16

RHT-634-1346



17

RHT-634-1204



17

RHT-634-1018



18

Part No. RHT-634-3282



18

RHT-634-3281



19

RHT-634-3507



19

RHT-634-3506



21

Part No. RHT-634-1421-XXX



21

RHT-634-1300-XXX



22

RHT-634-1298-XXX



22

RHT-634-1296-XXX



23

Part No. RHT-634-3150-XXX



23

RHT-634-1301-XXX



24

RHT-M8002



24

RHT-M8001



25

Part No. RHT-M8004



25

RHT-M8003



26

RHT-M8008



26

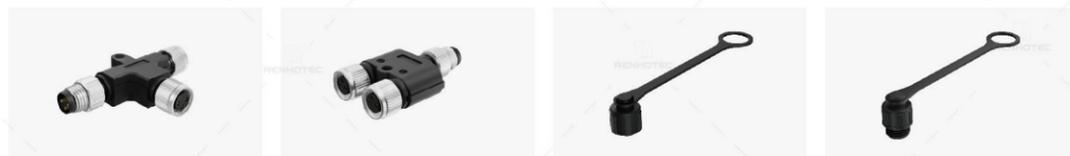
RHT-M8007

M8 SERIES



27 27 28 28

Part No. RHT-M8010 RHT-M8009 RHT-M8006 RHT-M8005



29 30 31 31

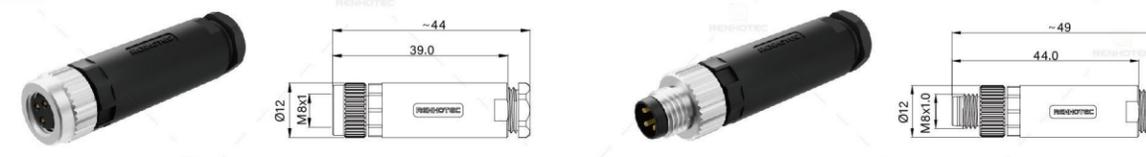
Part No. RHT-605-4080 RHT-605-4081 RHT-700-0430 RHT-700-0431



31 31

Part No. RHT-700-0086 RHT-700-0085

M8 Field Assembly Connector, Screw Termination, Straight



CE RoHS CE RoHS

Specification

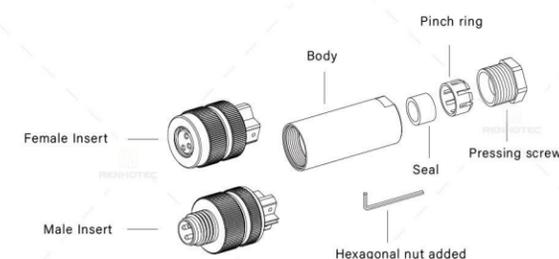
Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		

Coded	A-Coded	A-Coded
Rated current	3A	3A
Rated voltage	50V AC/60V DC	50V AC/60V DC
Wire gauge	24AWG/0.25mm ²	24AWG/0.25mm ²
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

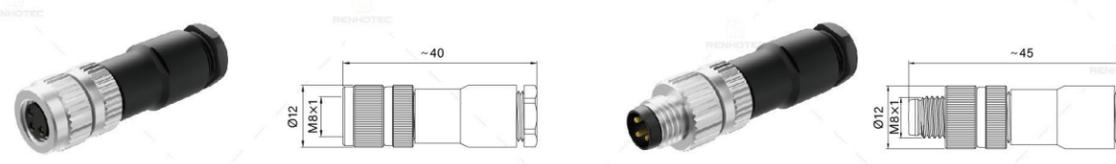
Number of positions	Female	Male
3	RHT-634-3369-03	RHT-634-3368-03
4	RHT-634-3369-04	RHT-634-3368-04

Component Part



M8 Field Assembly Connector, Screw Termination, Angled

M8 Field Assembly Connector, Solder Cup, Straight



RoHS

RoHS

RoHS

RoHS

Specification

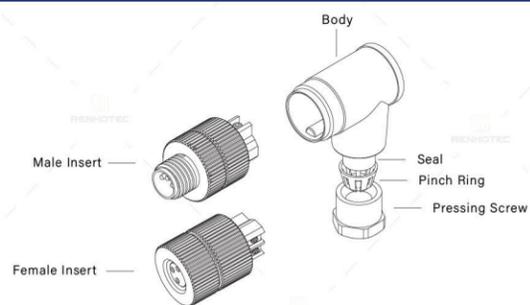
Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		

Coded	A-Coded	A-Coded
Rated current	3A	3A
Rated voltage	50V AC/60V DC	50V AC/60V DC
Wire gauge	24AWG/0.25mm ²	24AWG/0.25mm ²
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
3	RHT-634-1330-03	RHT-634-1354-03
4	RHT-634-1330-04	RHT-634-1354-04

Component Part



Specification

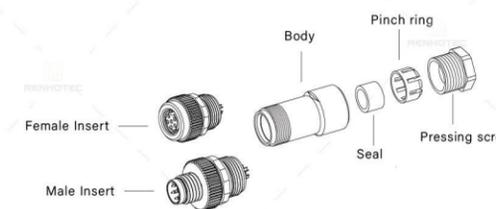
Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
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

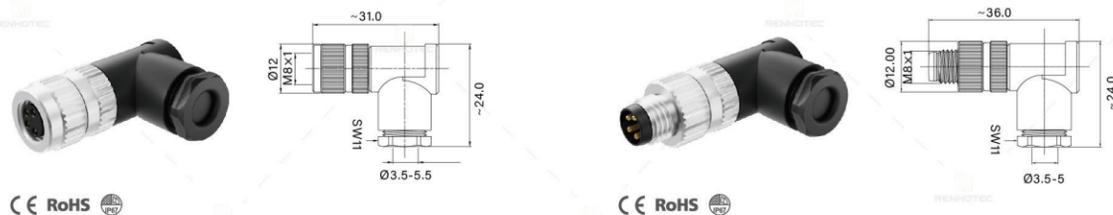
Number of positions	Female	Male
3	RHT-634-3231-03	RHT-634-3230-03
4	RHT-634-3231-04	RHT-634-3230-04
5	RHT-634-3231-05	RHT-634-3230-05
6	RHT-634-3231-06	RHT-634-3230-06
8	RHT-634-3231-08	RHT-634-3230-08

Component Part



M8 Field Assembly Connector, Solder Cup, Angled

M8 Field Assembly Connector, Solder Cup, Straight



Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²		26AWG/0.14mm ²		
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				

Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²		26AWG/0.14mm ²		
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-40°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				

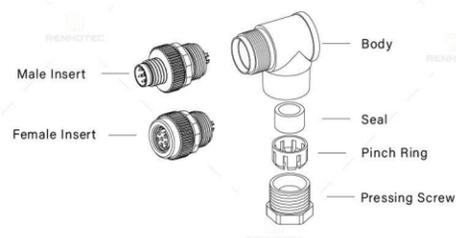
Part Number

Number of positions	Female	Male
3	RHT-634-1278-03	RHT-634-3118-03
4	RHT-634-1278-04	RHT-634-3118-04
5	RHT-634-1278-05	RHT-634-3118-05
6	RHT-634-1278-06	RHT-634-3118-06
8	RHT-634-1278-08	RHT-634-3118-08

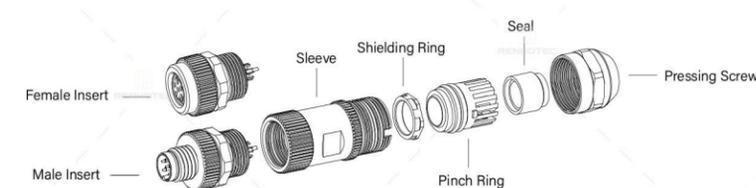
Part Number

Number of positions	Female	Male
3	RHT-634-3127-03	RHT-634-3232-03
4	RHT-634-3127-04	RHT-634-3232-04
5	RHT-634-3127-05	RHT-634-3232-05
6	RHT-634-3127-06	RHT-634-3232-06
8	RHT-634-3127-08	RHT-634-3232-08

Component Part



Component Part



M8 Panel Mount Receptacle, Front Fastened, Solder Cup, Straight

M8 Panel Mount Receptacle, Rear Fastened, Solder Cup, Straight



Specification

Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
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				
Contact finish	Gold				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
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				
Contact finish	Gold				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

Part Number

Number of positions	Female	Male
3	RHT-634-1421-03	RHT-634-1300-03
4	RHT-634-1421-04	RHT-634-1300-04
5	RHT-634-1421-05	RHT-634-1300-05
6	RHT-634-1421-06	RHT-634-1300-06
8	RHT-634-1421-08	RHT-634-1300-08

Number of positions	Female	Male
3	RHT-634-1298-03	RHT-634-1296-03
4	RHT-634-1298-04	RHT-634-1296-04
5	RHT-634-1298-05	RHT-634-1296-05
6	RHT-634-1298-06	RHT-634-1296-06
8	RHT-634-1298-08	RHT-634-1296-08

Wiring Colours and Sequences

Wiring Colours and Sequences

Position	Sequence 1	Sequence 2	Sequence 3	Sequence 4	Sequence 5
Pin 1	Brown	Brown	Brown	Brown	White
Pin 2	White	White	White	White	Brown
Pin 3	Blue	Blue	Blue	Blue	Green
Pin 4	Black	Black	Black	Black	Yellow
Pin 5			Gray	Gray	Gray
Pin 6					Pink
Pin 7					Blue
Pin 8					Red

Position	Sequence 1	Sequence 2	Sequence 3	Sequence 4	Sequence 5
Pin 1	Brown	Brown	Brown	Brown	White
Pin 2	White	White	White	White	Brown
Pin 3	Blue	Blue	Blue	Blue	Green
Pin 4	Black	Black	Black	Black	Yellow
Pin 5			Gray	Gray	Gray
Pin 6					Pink
Pin 7					Blue
Pin 8					Red

M8 Panel Mount Receptacle, Front Fastened, PCB Type, Straight



CE RoHS

CE RoHS

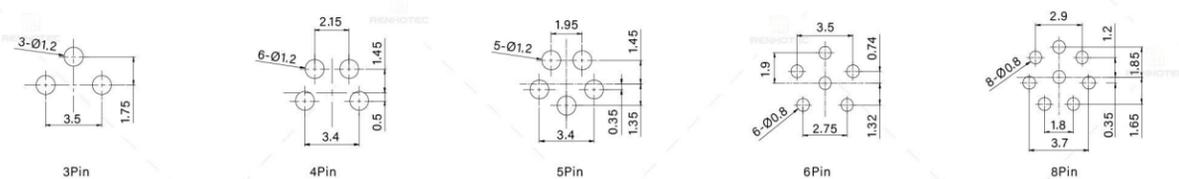
Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	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				
Contact finish	Gold				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

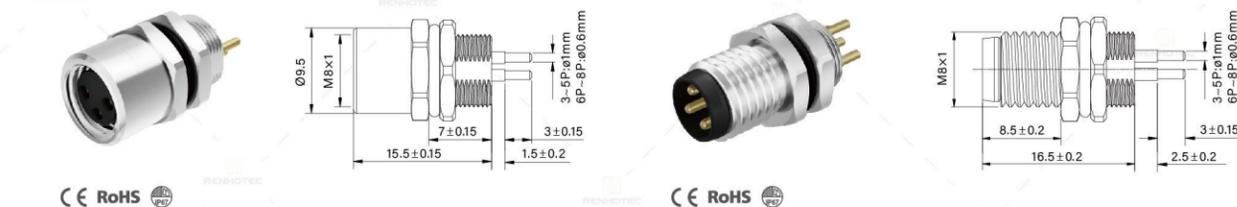
Part Number

Number of positions	Female	Male
3	RHT-634-1201-03	RHT-634-1307-03
4	RHT-634-1201-04	RHT-634-1307-04
5	RHT-634-1201-05	RHT-634-1307-05
6	RHT-634-1201-06	RHT-634-1307-06
8	RHT-634-1201-08	RHT-634-1307-08

PCB Layout



M8 Panel Mount Receptacle, Rear Fastened, PCB Type, Straight



CE RoHS

CE RoHS

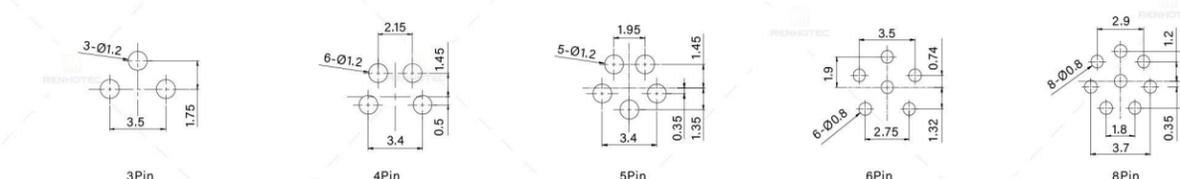
Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	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				
Contact finish	Gold				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

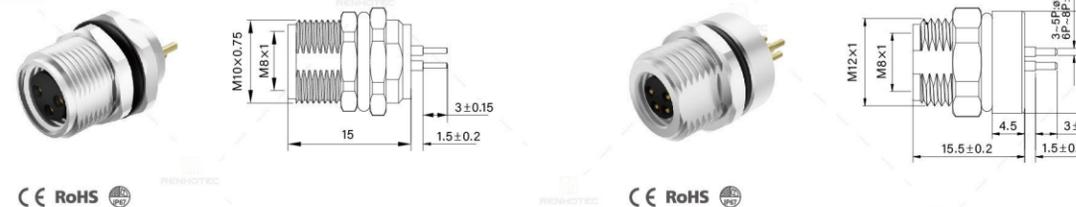
Number of positions	Female	Male
3	RHT-634-3233-03	RHT-634-1412-03
4	RHT-634-3233-04	RHT-634-1412-04
5	RHT-634-3233-05	RHT-634-1412-05
6	RHT-634-3233-06	RHT-634-1412-06
8	RHT-634-3233-08	RHT-634-1412-08

PCB Layout



M8 Panel Mount Receptacle, Female Front Fastened, Solder Cup, Straight

M8 Panel Mount Receptacle, Female Front Fastened, PCB Type, Straight



Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
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				
Contact finish	Gold				
Seal	FKM				
Shielding	Unshielded				
Mating cycles	≥500				

Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	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				
Contact finish	Gold				
Seal	FKM				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

Number of positions	M10x0.75	M12x1
3	RHT-634-3150-03	RHT-634-1301-03
4	RHT-634-3150-04	RHT-634-1301-04
5	RHT-634-3150-05	RHT-634-1301-05
6	RHT-634-3150-06	RHT-634-1301-06
8	RHT-634-3150-08	RHT-634-1301-08

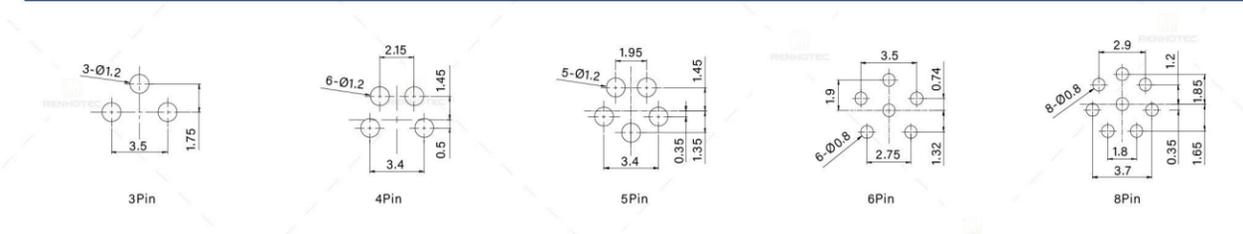
Part Number

Number of positions	M10x0.75	M12x1
3	RHT-634-3234-03	RHT-634-1346-03
4	RHT-634-3234-04	RHT-634-1346-04
5	RHT-634-3234-05	RHT-634-1346-05
6	RHT-634-3234-06	RHT-634-1346-06
8	RHT-634-3234-08	RHT-634-1346-08

Wiring Colours and Sequences

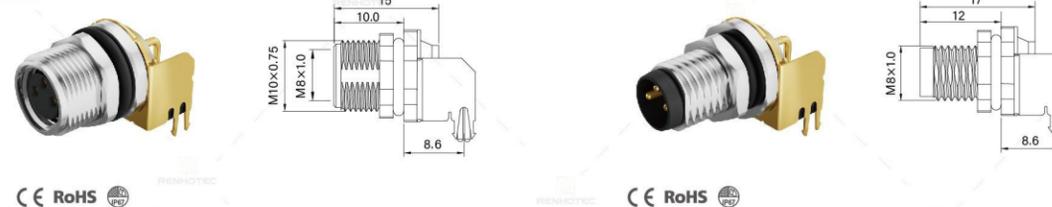
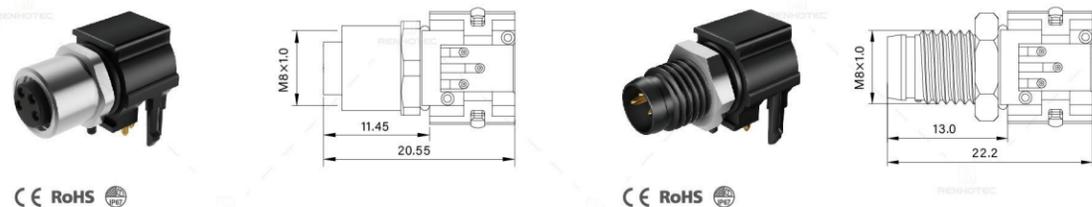
Position	Color	Color	Color	Color	Color
Pin 1	Brown	Brown	Brown	Brown	White
Pin 2	White	White	White	White	Brown
Pin 3	Blue	Blue	Blue	Blue	Green
Pin 4	Black	Black	Black	Black	Yellow
Pin 5			Gray	Gray	Gray
Pin 6					Pink
Pin 7					Blue
Pin 8					Red

PCB Layout



M8 Panel Mount Receptacle, Front Fastened, PCB Type, Angled

M8 Panel Mount Receptacle, Front Fastened, PCB Type, Angled



Specification

Specification

Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		
Coded	A-Coded	A-Coded
Rated current	3A	3A
Rated voltage	50V AC/60V DC	50V AC/60V DC
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°C ~ +80°C	
Protection rating	IP67(Mated)	
Body material	Brass, PBT	
Insulation material	PA66+GF	
Contact termination	PCB Solder	
Contact material	Brass	
Contact finish	Gold	
Seal	NBR, Black	
Shielding	Unshielded	
Mating cycles	≥500	

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	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				
Contact finish	Gold				
Seal	FKM				
Shielding	Shielded				
Mating cycles	≥500				

Part Number

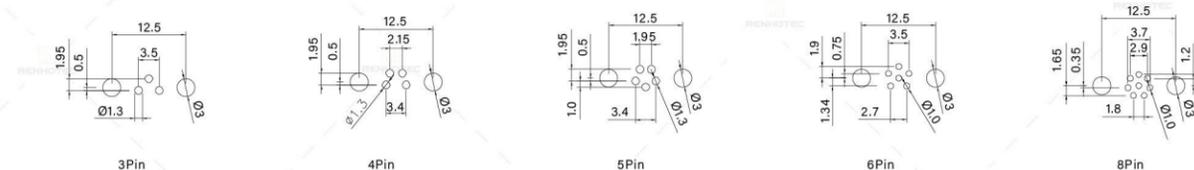
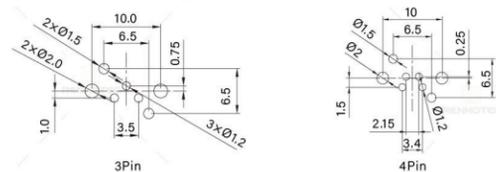
Part Number

Number of positions	Female	Male
3	RHT-634-1204	RHT-634-1018
4	RHT-634-1017	RHT-634-0160

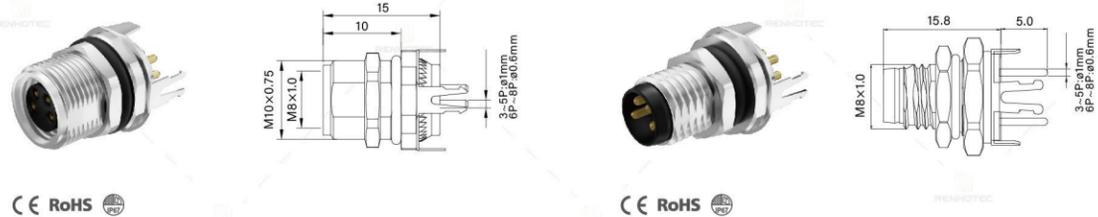
Number of positions	Female	Male
3	RHT-634-3282-03	RHT-634-3281-03
4	RHT-634-3282-04	RHT-634-3281-04
5	RHT-634-3282-05	RHT-634-3281-05
6	RHT-634-3282-06	RHT-634-3281-06
8	RHT-634-3282-08	RHT-634-3281-08

PCB Layout

PCB Layout



M8 Panel Mount Receptacle, Front Fastened, PCB Type, Straight



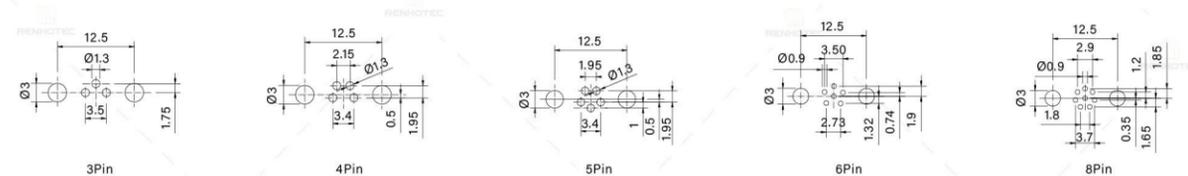
Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					
Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	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				
Contact finish	Gold				
Seal	NBR, Black				
Shielding	Shielded				
Mating cycles	≥500				

Part Number

Number of positions	Female	Male
3	RHT-634-3507-03	RHT-634-3506-03
4	RHT-634-3507-04	RHT-634-3506-04
5	RHT-634-3507-05	RHT-634-3506-05
6	RHT-634-3507-06	RHT-634-3506-06
8	RHT-634-3507-08	RHT-634-3506-08

PCB Layout



M8 Wiring

Female Contact	Wiring Colours and Sequences		Male Contact
	Contacts	Wire Colours (3P A Code)	
	1	BN	
	3	BU	
	4	BK	
	Contacts	Wire Colours (4P A Code)	
	1	BN	
	2	WH	
	3	BU	
	4	BK	
	Contacts	Wire Colours (5P B Code)	
	1	BN	
	2	WH	
	3	BU	
	4	BK	
	5	GY	
	Contacts	Wire Colours (6P A Code)	
	1	BN	
	2	WH	
	3	BU	
	4	BK	
	5	GY	
	6	PK	
	Contacts	Wire Colours (8P A Code)	
	1	WH	
	2	BN	
	3	GN	
	4	YE	
	5	GY	
	6	PK	
	7	BU	
	8	RD	

M8 Panel Mount Receptacle with Wires, Front Fastened, Straight



CE RoHS

CE RoHS

Specification

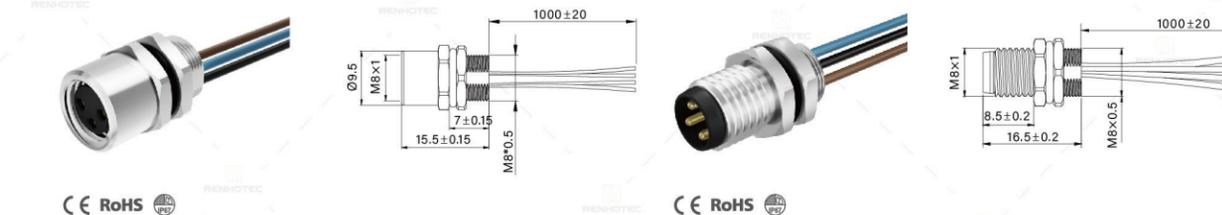
Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
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				
Contact finish	Gold				
Wire material	PVC				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

Number of positions	Wire Length	Female	Male
3	0.3m	RHT-634-1421-03-030	RHT-634-1300-03-030
	Customized	RHT-634-1421-03-XXX	RHT-634-1300-03-XXX
4	0.3m	RHT-634-1421-04-030	RHT-634-1300-04-030
	Customized	RHT-634-1421-04-XXX	RHT-634-1300-04-XXX
5	0.3m	RHT-634-1421-05-030	RHT-634-1300-05-030
	Customized	RHT-634-1421-05-XXX	RHT-634-1300-05-XXX
6	0.3m	RHT-634-1421-06-030	RHT-634-1300-06-030
	Customized	RHT-634-1421-06-XXX	RHT-634-1300-06-XXX
8	0.3m	RHT-634-1421-08-030	RHT-634-1300-08-030
	Customized	RHT-634-1421-08-XXX	RHT-634-1300-08-XXX

M8 Panel Mount Receptacle with Wires, Rear Fastened, Straight



CE RoHS

CE RoHS

Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
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				
Contact finish	Gold				
Wire material	PVC				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

Number of positions	Wire Length	Female	Male
3	0.3m	RHT-634-1298-03-030	RHT-634-1296-03-030
	Customized	RHT-634-1298-03-XXX	RHT-634-1296-03-XXX
4	0.3m	RHT-634-1298-04-030	RHT-634-1296-04-030
	Customized	RHT-634-1298-04-XXX	RHT-634-1296-04-XXX
5	0.3m	RHT-634-1298-05-030	RHT-634-1296-05-030
	Customized	RHT-634-1298-05-XXX	RHT-634-1296-05-XXX
6	0.3m	RHT-634-1298-06-030	RHT-634-1296-06-030
	Customized	RHT-634-1298-06-XXX	RHT-634-1296-06-XXX
8	0.3m	RHT-634-1298-08-030	RHT-634-1296-08-030
	Customized	RHT-634-1298-08-XXX	RHT-634-1296-08-XXX

M8 Panel Mount Receptacle with Wires, Front Fastened, Straight



CE RoHS

CE RoHS

Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
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				
Contact finish	Gold				
Wire material	PVC				
Seal	FKM				
Shielding	Unshielded				
Mating cycles	≥500				

Part Number

Number of positions	Wire Length	M10x0.75	M12x1
3	0.3m	RHT-634-3150-03-030	RHT-634-1301-03-030
	Customized	RHT-634-3150-03-XXX	RHT-634-1301-03-XXX
4	0.3m	RHT-634-3150-04-030	RHT-634-1301-04-030
	Customized	RHT-634-3150-04-XXX	RHT-634-1301-04-XXX
5	0.3m	RHT-634-3150-05-030	RHT-634-1301-05-030
	Customized	RHT-634-3150-05-XXX	RHT-634-1301-05-XXX
6	0.3m	RHT-634-3150-06-030	RHT-634-1301-06-030
	Customized	RHT-634-3150-06-XXX	RHT-634-1301-06-XXX
8	0.3m	RHT-634-3150-08-030	RHT-634-1301-08-030
	Customized	RHT-634-3150-08-XXX	RHT-634-1301-08-XXX

M8 Single-ended Cable, Straight



CE RoHS

CE RoHS

Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Over-molding material	PVC/TPU				
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				
Mating cycles	≥500				

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
3	1m	M8002-03-C-100	M8002-03-R-100	M8001-03-C-100	M8001-03-R-100
	Customized	M8002-03-C-XXX	M8002-03-R-XXX	M8001-03-C-XXX	M8001-03-R-XXX
4	1m	M8002-04-C-100	M8002-04-R-100	M8001-04-C-100	M8001-04-R-100
	Customized	M8002-04-C-XXX	M8002-04-R-XXX	M8001-04-C-XXX	M8001-04-R-XXX
5	1m	M8002-05-C-100	M8002-05-R-100	M8001-05-C-100	M8001-05-R-100
	Customized	M8002-05-C-XXX	M8002-05-R-XXX	M8001-05-C-XXX	M8001-05-R-XXX
6	1m	M8002-06-C-100	M8002-06-R-100	M8001-06-C-100	M8001-06-R-100
	Customized	M8002-06-C-XXX	M8002-06-R-XXX	M8001-06-C-XXX	M8001-06-R-XXX
8	1m	M8002-08-C-100	M8002-08-R-100	M8001-08-C-100	M8001-08-R-100
	Customized	M8002-08-C-XXX	M8002-08-R-XXX	M8001-08-C-XXX	M8001-08-R-XXX

M8 Single-ended Cable, Angled



CE RoHS

CE RoHS

Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Over-molding material	PVC/TPU				
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				
Mating cycles	≥500				

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
3	1m	M8004-03-C-100	M8004-03-R-100	M8003-03-C-100	M8003-03-R-100
	Customized	M8004-03-C-XXX	M8004-03-R-XXX	M8003-03-C-XXX	M8003-03-R-XXX
4	1m	M8004-04-C-100	M8004-04-R-100	M8003-04-C-100	M8003-04-R-100
	Customized	M8004-04-C-XXX	M8004-04-R-XXX	M8003-04-C-XXX	M8003-04-R-XXX
5	1m	M8004-05-C-100	M8004-05-R-100	M8003-05-C-100	M8003-05-R-100
	Customized	M8004-05-C-XXX	M8004-05-R-XXX	M8003-05-C-XXX	M8003-05-R-XXX
6	1m	M8004-06-C-100	M8004-06-R-100	M8003-06-C-100	M8003-06-R-100
	Customized	M8004-06-C-XXX	M8004-06-R-XXX	M8003-06-C-XXX	M8003-06-R-XXX
8	1m	M8004-08-C-100	M8004-08-R-100	M8003-08-C-100	M8003-08-R-100
	Customized	M8004-08-C-XXX	M8004-08-R-XXX	M8003-08-C-XXX	M8003-08-R-XXX

M8 Single-ended Cable, Straight



CE RoHS

CE RoHS

Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°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				
Cable Colour	Black/Customized				
Seal	NBR, Black				
Shielding	Shielded				
Mating cycles	≥500				

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
3	1m	M8008-03-C-100	M8008-03-R-100	M8007-03-C-100	M8007-03-R-100
	Customized	M8008-03-C-XXX	M8008-03-R-XXX	M8007-03-C-XXX	M8007-03-R-XXX
4	1m	M8008-04-C-100	M8008-04-R-100	M8007-04-C-100	M8007-04-R-100
	Customized	M8008-04-C-XXX	M8008-04-R-XXX	M8007-04-C-XXX	M8007-04-R-XXX
5	1m	M8008-05-C-100	M8008-05-R-100	M8007-05-C-100	M8007-05-R-100
	Customized	M8008-05-C-XXX	M8008-05-R-XXX	M8007-05-C-XXX	M8007-05-R-XXX
6	1m	M8008-06-C-100	M8008-06-R-100	M8007-06-C-100	M8007-06-R-100
	Customized	M8008-06-C-XXX	M8008-06-R-XXX	M8007-06-C-XXX	M8007-06-R-XXX
8	1m	M8008-08-C-100	M8008-08-R-100	M8007-08-C-100	M8007-08-R-100
	Customized	M8008-08-C-XXX	M8008-08-R-XXX	M8007-08-C-XXX	M8007-08-R-XXX

M8 Single-ended Cable, Angled



CE RoHS

CE RoHS

Specification

Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Wire gauge	24AWG/0.25mm ²			26AWG/0.14mm ²	
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°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				
Cable Colour	Black/Customized				
Seal	NBR, Black				
Shielding	Shielded				
Mating cycles	≥500				

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
3	1m	M8010-03-C-100	M8010-03-R-100	M8009-03-C-100	M8009-03-R-100
	Customized	M8010-03-C-XXX	M8010-03-R-XXX	M8009-03-C-XXX	M8009-03-R-XXX
4	1m	M8010-04-C-100	M8010-04-R-100	M8009-04-C-100	M8009-04-R-100
	Customized	M8010-04-C-XXX	M8010-04-R-XXX	M8009-04-C-XXX	M8009-04-R-XXX
5	1m	M8010-05-C-100	M8010-05-R-100	M8009-05-C-100	M8009-05-R-100
	Customized	M8010-05-C-XXX	M8010-05-R-XXX	M8009-05-C-XXX	M8009-05-R-XXX
6	1m	M8010-06-C-100	M8010-06-R-100	M8009-06-C-100	M8009-06-R-100
	Customized	M8010-06-C-XXX	M8010-06-R-XXX	M8009-06-C-XXX	M8009-06-R-XXX
8	1m	M8010-08-C-100	M8010-08-R-100	M8009-08-C-100	M8009-08-R-100
	Customized	M8010-08-C-XXX	M8010-08-R-XXX	M8009-08-C-XXX	M8009-08-R-XXX

M8 Snap-on Cable, Straight



CE RoHS

CE RoHS

Specification

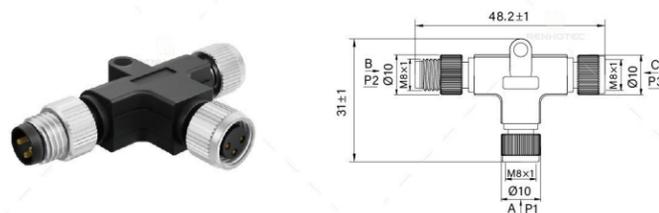
Number of positions	3	4
Insert arrangement (Female)		
Insert arrangement (Male)		

Coded	A-Coded	A-Coded
Rated current	3A	3A
Rated voltage	50V AC/60V DC	50V AC/60V DC
Wire gauge	24AWG/0.25mm ²	24AWG/0.25mm ²
Insulation resistance	≥100MΩ	
Contact resistance	≤5mΩ	
Temperature range	-25°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	
Cable Colours	Black/Customized	
Shielding	Unshielded	
Mating cycles	≥500	

Part Number

Number of positions	Cable Length	Female		Male	
		PVC	PUR	PVC	PUR
3	1m	M8006-03-C-100	M8006-03-R-100	M8005-03-C-100	M8005-03-R-100
	Customized	M8006-03-C-XXX	M8006-03-R-XXX	M8005-03-C-XXX	M8005-03-R-XXX
4	1m	M8006-04-C-100	M8006-04-R-100	M8005-04-C-100	M8005-04-R-100
	Customized	M8006-04-C-XXX	M8006-04-R-XXX	M8005-04-C-XXX	M8005-04-R-XXX

M8 Tee Type Splitter, Male to 2 x Female



CE RoHS

Specification

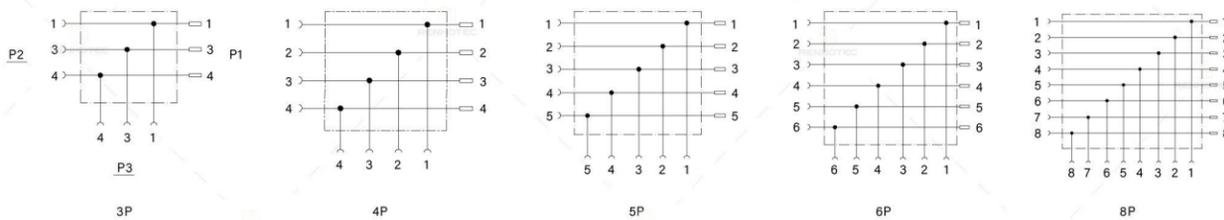
Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Body material	PVC				
Screw material	Brass, Nickel Flash				
Insulation material	PA66+GF				
Contact material	Brass				
Contact finish	Gold				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

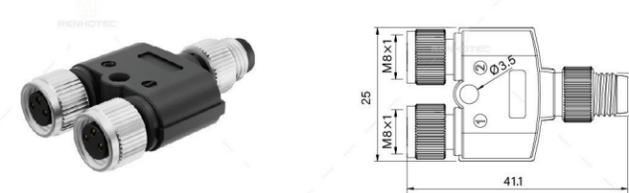
Part Number

Number of positions	Male to 2 Female
3	RHT-605-4080-03
4	RHT-605-4080-04
5	RHT-605-4080-05
6	RHT-605-4080-06
8	RHT-605-4080-08

Wiring Diagram



M8 Y Type Splitter, Male to 2 x Female



CE RoHS

Specification

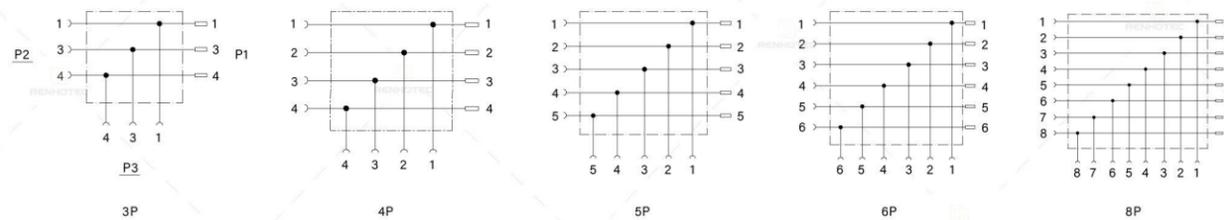
Number of positions	3	4	5	6	8
Insert arrangement (Female)					
Insert arrangement (Male)					

Coded	A-Coded	A-Coded	B-Coded	A-Coded	A-Coded
Rated current	3A	3A	3A	1.5A	1.5A
Rated voltage	50V AC/60V DC	50V AC/60V DC	30V	30V	30V
Insulation resistance	≥100MΩ				
Contact resistance	≤5mΩ				
Temperature range	-25°C ~ +80°C				
Protection rating	IP67(Mated)				
Body material	PVC				
Screw material	Brass, Nickel Flash				
Insulation material	PA66+GF				
Contact material	Brass				
Contact finish	Gold				
Seal	NBR, Black				
Shielding	Unshielded				
Mating cycles	≥500				

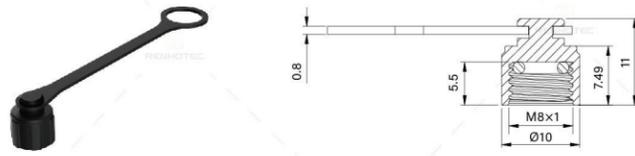
Part Number

Number of positions	Male to 2 Female
3	RHT-605-4081-03
4	RHT-605-4081-04
5	RHT-605-4081-05
6	RHT-605-4081-06
8	RHT-605-4081-08

Wiring Diagram



M8 Dust Cap for Male Connector, with Chain, Plastic



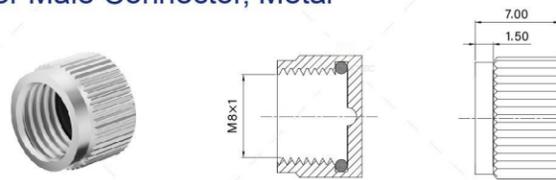
Specification	
Body material	PVC
Chain material	TPU
Seal	NBR, Black
Ordering No	RHT-700-0430

M8 Dust Cap for Female Connector, with Chain, Plastic



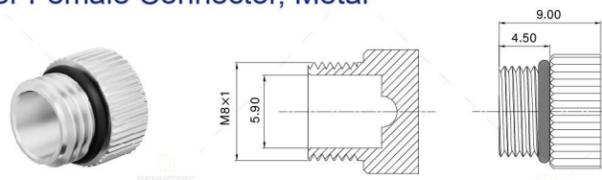
Specification	
Body material	PVC
Chain material	TPU
Seal	NBR, Black
Ordering No	RHT-700-0431

M8 Dust Cap for Male Connector, Metal



Specification	
Body material	Brass, Nickel Plated
Seal	NBR, Black
Ordering No	RHT-700-0086

M8 Dust Cap for Female Connector, Metal



Specification	
Body material	Brass, Nickel Plated
Seal	NBR, Black
Ordering No	RHT-700-0085