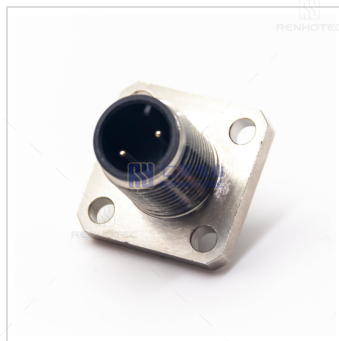




M12 Male Socket Flange Soldering 4 Hole Flange Connector



| Basic Information   |                                                          |
|---------------------|----------------------------------------------------------|
| Connector Type      | Receptacle                                               |
| Contact Termination | Solder Cup                                               |
| Fastening Type      | Threaded                                                 |
| Gender              | Male                                                     |
| Key                 | A, B, D                                                  |
| Mounting Type       | Panel Mount                                              |
| Mounting Feature    | 4 Hole Flange                                            |
| Number of Positions | 12 Pin, 17 Pin, 2 Pin, 3 Pin, 4 Pin, 5 Pin, 6 Pin, 8 Pin |
| Orientation         | Straight                                                 |
| Product Type        | Panel Mount Receptacle                                   |
| Shell Size          | M12                                                      |

### Material Specification

|                     |              |
|---------------------|--------------|
| Contact Finish      | Gold Plating |
| Contact Material    | Copper Alloy |
| Insulation Material | PA66         |
| Shell Finish        | Zinc Plating |
| Shell Material      | Copper Alloy |

### Electrical Specification

|               |            |
|---------------|------------|
| Rated Current | 4A         |
| Rated Voltage | 250V       |
| Shielding     | Unshielded |

### Environmental Specification

|                       |                |
|-----------------------|----------------|
| Ingress Protection    | IP67           |
| Operating Temperature | -25°C ~ + 85°C |

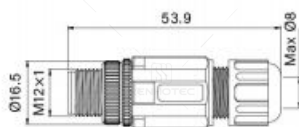
### Mechanical Specification

|               |      |
|---------------|------|
| Mating Cycles | ≥500 |
|---------------|------|

### Contact Layout

| Pins | Rated current | Rated voltage |      | Wire gauge |      | Female Contact                                                                      |                                                                                     |                                                                                      | Male Contact                                                                          |                                                                                       |                                                                                       |
|------|---------------|---------------|------|------------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|      |               | AC            | D/C  | AWG        | mm²  | 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 |  |                                                                                     |                                                                                      |  |                                                                                       |                                                                                       |

## Size



## Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.