

# M12 Circular Connector



## M12 Male PG9 Panel Mount, Front 5 Pin Connector

### Product Image



Product may differ from image.

### General Specification

|                           |                            |
|---------------------------|----------------------------|
| Rated Operational Voltage | 60 V                       |
| Current Rating            | 4A                         |
| Insulation Resistance     | $\geq 100 \text{ M}\Omega$ |
| Temperature Range         | -25°C ... +75°C            |
| Degree of Protection      | IP67                       |
| Coding                    | A-Coded                    |
| Mounting                  | Front                      |

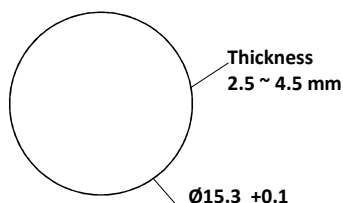
### Material Specification

|                  |                 |
|------------------|-----------------|
| Housing Material | Brass Ni Plated |
| Contact          | Cu-Zn           |
| Contact Plating  | Gold Flash      |
| Contact Carrier  | Nylon 66        |
| O-Ring           | Neoprene        |
| Pole             | 5               |
| Clamp Nut        | PG9             |

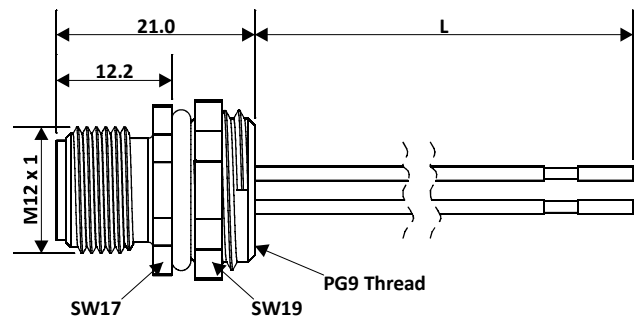
### Cable Specification

|                       |                    |
|-----------------------|--------------------|
| Cross Section of Wire | 0.34 sq.mm         |
| Termination           | Partially Stripped |
| Cable length          | 200 mm             |
| Cable Type            | TPE                |

### Panel Cutout

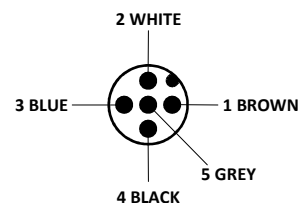


### Product Diagram



All dimensions are in mm.

### Pin Assignment



### Specification & Approval

|                       |                                                      |
|-----------------------|------------------------------------------------------|
| RoHS                  | Compliant with Exemption                             |
| RoHS exemption        | 6@: Copper alloy containing up to 4 % lead by weight |
| REACH SVHC substances | Yes                                                  |
| REACH SVHC substances | CAS 7439-92-1 (Lead)                                 |
| CE                    | Yes                                                  |
| Standard              | IEC 61076-2-101                                      |

### Ordering Part No.

| Cable Length | Part Number    |
|--------------|----------------|
| 200 mm       | CPM12-FPBR5-T2 |
| 300 mm       | CPM12-FPBR5-T3 |
| 500 mm       | CPM12-FPBR5-T5 |

\*Please contact factory for customized cable lengths.

