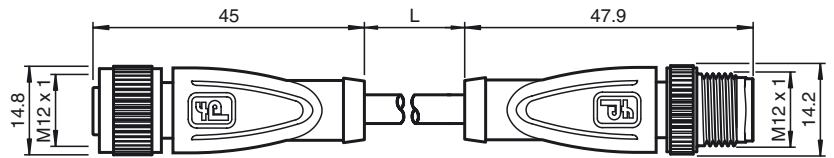




Dimensions



Model Number

V15-G-3M-PUR-V15-G

Connecting cable, M12 to M12, PUR cable 5-pin

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Halogen-free
- Suitable for 2-, 3- and 4-wire technology

Technical data

General specifications

| | |
|---------------------|----------------|
| Number of pins | 5 |
| Connection 1 | socket |
| Construction type 1 | straight |
| Threading 1 | M12 |
| Connection 2 | Male connector |
| Construction type 2 | straight |
| Threading 2 | M12 |

Electrical specifications

| | | |
|-------------------|----------------|------------------------|
| Operating voltage | U _B | max. 48 V AC / 60 V DC |
| Operating current | I _B | max. 4 A |
| Volume resistance | | < 5 mΩ |

Ambient conditions

| | |
|---------------------|--|
| Ambient temperature | -25 ... 100 °C (-13 ... 212 °F) for temperatures over 80 °C (176 °F) reduced elongation at tear |
| Pollution degree | 3 |

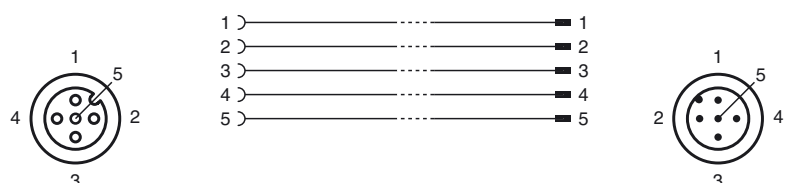
Mechanical specifications

| | |
|------------------------|-------------------------------|
| Contact elements | spring-loaded contact socket |
| Pin diameter | 1 mm |
| Degree of protection | IP67 / IP68 / IP69k |
| Material | |
| Contacts | CuSn / Au |
| Contact surface | Au |
| Body | TPU, black |
| Cable | PUR |
| Slotted nut | Diecast zinc |
| Sleeve connector | Diecast zinc |
| Core insulation | PP |
| Cable | fine-strand, flexible |
| Sheath diameter | Ø4.8 mm |
| Bending radius | > 10 x cable diameter, moving |
| Color | grey |
| Cores | 5 x 0.34 mm ² |
| Conductor construction | 19 x 0.15 mm Ø |
| Length | L 3 m |
| Flammability | |
| Contact carrier | 94 V-2 |
| Housing | 94 V-2 |

Compliance with standards and directives

| | |
|---------------------|-------------------------------------|
| Standard conformity | |
| Specification | connector M12 x 1 : IEC 61076-2-101 |

Electrical connection



Release date: 2019-07-15 17:07 Date of issue: 2019-07-15 203270_eng.xml

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".