



Dimensions



Model Number

V11-W-1M-PVC-V11-G

Connecting cable, M12 to M12, PVC cable 3-pin

Features

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

Technical data

General specifications

| | |
|---------------------|----------------|
| Number of pins | 3 |
| Connection 1 | socket |
| Construction type 1 | right angle |
| Threading 1 | M12 |
| Connection 2 | Male connector |
| Construction type 2 | straight |
| Threading 2 | M12 |

Electrical specifications

| | | |
|-------------------|-------|----------------------------|
| Operating voltage | U_B | max. 300 V DC |
| Test voltage | | > 1500 V _{eff} AC |
| Operating current | | 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, green |
| Cable | PVC |
| Slotted nut | Diecast zinc |
| Sleeve connector | Diecast zinc |
| Core insulation | PVC |
| Cable | fine-strand, flexible |
| Sheath diameter | Ø4.8 mm |
| Bending radius | > 10 x cable diameter, moving |
| Color | grey |
| Cores | 3 x 0.34 mm ² |
| Conductor construction | 19 x 0.15 mm Ø |
| Length | L 1 m |
| Flammability | |
| Contact material | 94 V-2 |
| Housing | 94 V-2 |

Electrical connection



Release date: 2014-03-25 14:39 Date of issue: 2014-03-25 129954_eng.xml

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