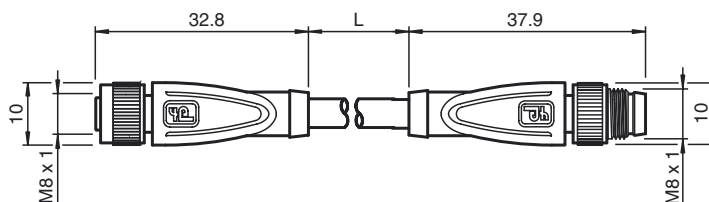


Dimensions



Model Number

V3-GM-10M-PUR-V3-GM
 Connecting cable, M8 to M8, PUR cable
 3-pin

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Halogen-free
- Suitable for 2- and 3-wire technology

Technical data

| General specifications | | |
|---------------------------|-------|--|
| Number of pins | | 3 |
| Connection 1 | | socket |
| Construction type 1 | | straight |
| Threading 1 | | M8 |
| Connection 2 | | Male connector |
| Construction type 2 | | straight |
| Threading 2 | | M8 |
| Electrical specifications | | |
| Operating voltage | U_B | max. 60 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 |
| Material | | |
| Contacts | | CuSn / Au |
| Contact surface | | Au |
| Body | | TPU, green |
| Cable | | PUR |
| Slotted nut | | Diecast zinc |
| Sleeve connector | | Diecast zinc |
| Core insulation | | PP |
| Cable | | |
| 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 | 10 m |
| Flammability | | |
| Contact material | | 94 V-2 |
| Housing | | 94 V-2 |

Electrical connection



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