

Model Number

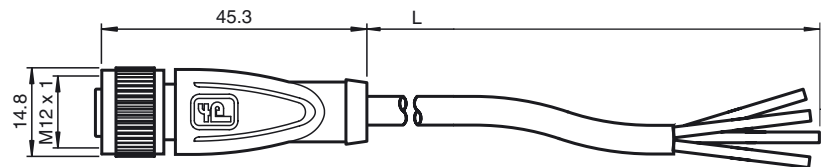
V1-G-2M-PVC

Cable socket, M12, 4-pin, PVC cable

Features

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

Dimensions



Technical data

General specifications

| | |
|---------------------|-------------------|
| Number of poles | 4 |
| Connection 1 | Connector, female |
| Construction type 1 | straight |
| Threading 1 | M12 |
| Connection 2 | free cable end |

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 (248 ... 373 K) | for temperatures over 80 °C (353 K) reduced elongation at tear |
| Degree of soiling | 3 | |

Mechanical specifications

| | | |
|------------------------|--|-----|
| Contact elements | spring-loaded contact socket | |
| pin diameter | 1 mm | |
| Protection degree | IP67 / IP68 / IP69K | |
| Material | | |
| Contacts | CuSn / Au | |
| Contact surface | Au | |
| Handle | TPU, green | |
| Cable | PVC | |
| Slotted nut | diecast zinc | |
| Core isolation | PVC | |
| Cable | fine-strand, flexible | |
| Sheath diameter | Ø4.8 mm | |
| Bend radius | > 10 x conductor diameter, appropriate for conveyor chains | |
| Colour | grey | |
| Cores | 4 x 0.34 mm ² | |
| Conductor construction | 19 x 0.15 mm Ø | |
| Length | L | 2 m |
| Flammability | | |
| Contact material | 94 V-2 | |
| Housing | 94 V-2 | |
| Wire | flame-resistant | |

Electrical connection 1

