

Model Number

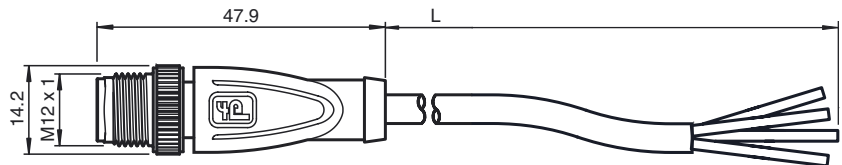
V1S-G-10M-PVC

Cable connector, M12, 4-pin, PVC cable

Features

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

Dimensions



Technical data

General specifications

| | |
|---------------------|----------------|
| Number of pins | 4 |
| Connection 1 | Male connector |
| Construction type 1 | straight |
| Threading 1 | M12 |
| Connection 2 | 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 | -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -25 ... 70 °C (-13 ... 158 °F) cable, flexing: -5 ... 70 °C (23 ... 158 °F) |
| 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 | PVC |
| 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 | 4 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

