

Model Number

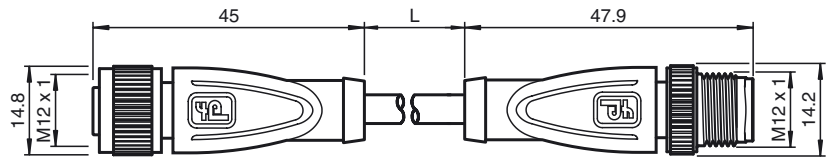
V1-G-7,5M-PVC-V1-G

Connecting cable, M12 to M12, PVC cable 4-pin

Features

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

Dimensions



Technical data

General specifications

| | |
|---------------------|------------------|
| Number of pins | 4 |
| Connection 1 | female connector |
| 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. 250 V AC/DC |
| Test voltage | | > 1500 V _{eff} AC |
| Operating current | | max. 4 A |
| Volume resistance | | < 5 mΩ |

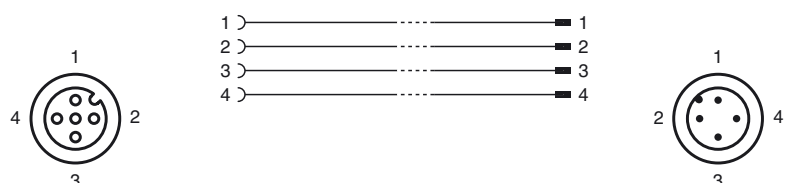
Ambient conditions

| | |
|---------------------|---|
| Ambient temperature | cable, fixed: -25 ... 70 °C (-13 ... 158 °F) cable, flexing: -5 ... -70 °C (23 ... -94 °F) |
| Pollution Degree | 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 |
| Body | TPU, green |
| Cable | PVC |
| Slotted nut | Diecast zinc |
| Sleeve connector | Diecast zinc |
| Core insulation | PVC |
| Cable | fine-strand, flexible |
| Sheath diameter | Ø 4.8 mm |
| Bending radius | > 10 x cable diameter, appropriate for conveyor chains |
| Color | grey |
| Cores | 4 x 0.34 mm ² |
| Conductor construction | 19 x 0.15 mm Ø |
| Length | L 7.5 m |

Electrical connection



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Subject to modifications without notice

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