



Model Number

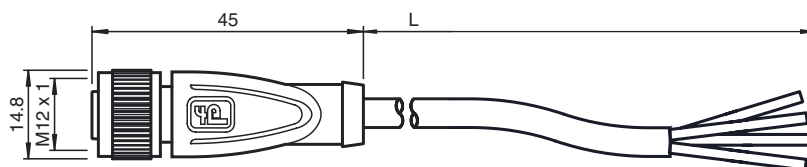
V1-G-2M-PUR-H/S

Female cordset, M12, 4-pin, irradiated PUR cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Degree of protection IP67 / IP68 / IP69K
- Halogen-free
- Flexible sheathing

Dimensions



Technical data

General specifications

| | |
|---------------------|-----------|
| Number of pins | 4 |
| Connection 1 | socket |
| Construction type 1 | straight |
| Threading 1 | M12 |
| Connection 2 | cable end |

Electrical specifications

| | | |
|-------------------|-------|--------------------------------|
| Operating voltage | U_B | max. 300 V DC max. 250 V AC |
| Operating current | | max. 4 A |
| Volume resistance | | < 5 m Ω |

Ambient conditions

| | |
|---------------------|--|
| Ambient temperature | Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -50 ... 105 °C (-58 ... 221 °F) cable, flexing: -40 ... 105 °C (-40 ... 221 °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 | PUR, irradiated |
| Slotted nut | Diecast zinc |
| Core insulation | TPE-E |
| Cable | fine-strand, flexible |
| Sheath diameter | Ø 4.8 mm |
| Bending radius | > 10 x cable diameter, moving > 5 x cable diameter, single bend |
| Color | orange |
| Cores | 4 x 0.34 mm ² |
| Conductor construction | 19 x 0.15 mm Ø |
| Length | L 2 m |
| Flammability | |
| Contact material | 94 HB |
| Housing | 94 V-2 |

Compliance with standards and directives

| | |
|---------------------|---|
| Standard conformity | |
| Flammability | Body: UL 94 Line: UL 1581 Section 1061; IEC 60332-1-2:2004 |
| Halogen-free | IEC 60754-1:1994 |

Electrical connection

