



Model Number

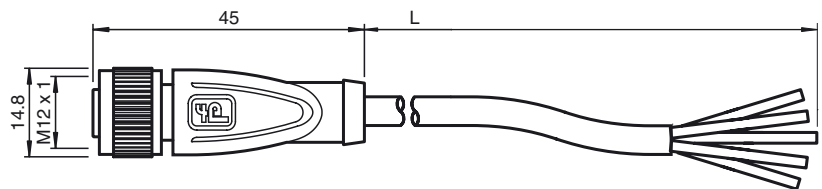
V15-G-30M-PUR

Female cordset, M12, 5-pin, PUR cable

Features

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

Dimensions



Technical data

General specifications

| | |
|----------------|---|
| Number of pins | 5 |
|----------------|---|

Electrical specifications

| | | |
|-------------------|-------|-----------------|
| Operating voltage | U_B | max. 60 V AC/DC |
| Operating current | I_B | max. 4 A |
| Volume resistance | | < 5 m Ω |

Ambient conditions

| | |
|---------------------|--|
| Ambient temperature | Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -30 ... 80 °C (-22 ... 176 °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 |
| Slotted nut | Diecast zinc |
| Core insulation | PP |
| Cable | fine-strand, flexible |
| Sheath diameter | Ø 4.8 mm |
| Bending radius | > 10 x cable diameter, moving > 8 x cable diameter, flexible |

| | |
|------------------------|----------------------|
| Color | grey |
| Number of cores | 5 |
| Core cross-section | 0.34 mm ² |
| Conductor construction | 19 x 0.15 mm Ø |
| Length | L 30 m |

Flammability

| | |
|-----------------|-----|
| Contact carrier | HB |
| Housing | V-2 |

Compliance with standards and directives

| | |
|----------------------|--|
| Standard conformity | |
| Degree of protection | EN 60529:2000 |
| Standards | IEC 61076-2-101:2008 with test voltage 500 V _{DC} |
| Flammability | Grip: UL 94 |

Electrical connection

