



Model Number

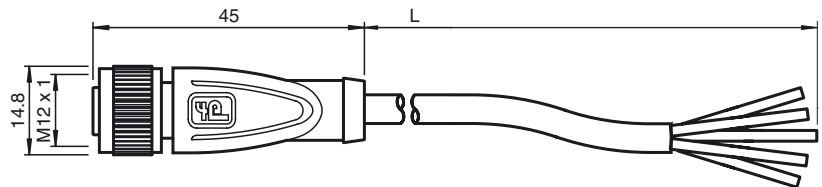
V15-G-10M-PVC

Female cordset, M12, 5-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 | 5 |
| Connection 1 | socket |
| Construction type 1 | straight |
| Threading 1 | M12 |
| Connection 2 | cable end |

Electrical specifications

| | | |
|-------------------|-------|------------------------|
| Operating voltage | U_B | max. 48 V AC / 60 V 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: -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 |
| Slotted nut | Diecast zinc |
| Core insulation | PVC |
| Cable | fine-strand, flexible |
| Sheath diameter | \varnothing 4.8 mm |
| Bending radius | > 10 x cable diameter, moving |
| Color | grey |
| Number of cores | 5 |
| Core cross-section | 0.34 mm ² |
| Conductor construction | 19 x 0.15 mm \varnothing |
| Length | L 10 m |
| Flammability | |
| Contact carrier | 94 HB |
| Housing | 94 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 |
| Specification | connector M12 x 1 : IEC 61076-2-101 |

Electrical connection

