

## Model Number

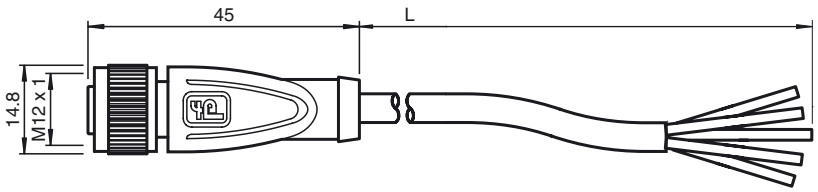
**V15-G-2M-PUR**

Female cordset, M12, 5-pin, PUR cable

## Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Protection degree IP67 / IP68 / IP69K
- Halogen-free

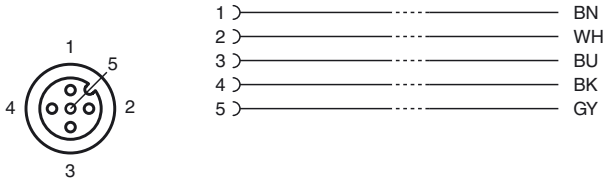
## Dimensions




## Technical data

| | | |
|---|---|---|
| **General specifications** | | |
| Number of pins | | 5 |
| Connection 1 | | female connector |
| Construction type 1 | | straight |
| Threading 1 | | M12 |
| Connection 2 | | cable end |
| **Electrical specifications** | | |
| Operating voltage | $U_B$ | max. 60 V AC/DC |
| Operating current | | max. 4 A |
| Volume resistance | | < 5 mΩ |
| **Ambient conditions** | | |
| Ambient temperature | | Body: -40 ... 90 °C (-40 ... 194 °F)<br>cable, fixed: -40 ... 80 °C (-40 ... 176 °F)<br>cable, flexing: -30 ... 80 °C (-22 ... 176 °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, black |
| Cable | | PUR |
| Slotted nut | | Diecast zinc |
| Core insolation | | PP |
| Cable | | fine-strand, flexible |
| Sheath diameter | | Ø 4.8 mm |
| Bending radius | | > 10 x cable diameter, moving |
| Color | | grey |
| Cores | | 5 x 0.34 mm$^2$ |
| Conductor construction | | 19 x 0.15 mm Ø |
| Length | L | 2 m |
| Flammability | | |
| Contact material | | HB |
| Housing | | V-2 |
| **Compliance with standards and directives** | | |
| Standard conformity | | |
| Protection degree | | EN 60529:2000 |
| Standards | | IEC 61076-2-101:2008 |
| Flammability | | Grip: UL 94 |

## Electrical connection




Release date: 2013-03-26 16:58 Date of issue: 2013-03-26 116452_eng.xml

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