

## Model Number

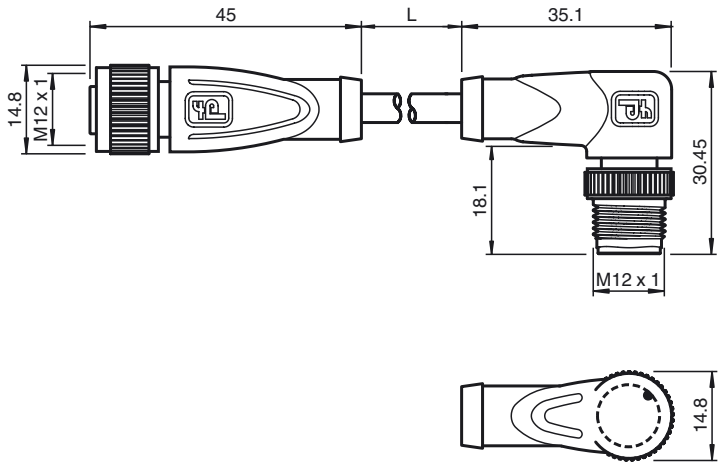
**V1-G-5M-PUR-ABG-V1-W**

Connecting cable, M12 to M12, PUR cable 4-pin, shielded

## Features

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

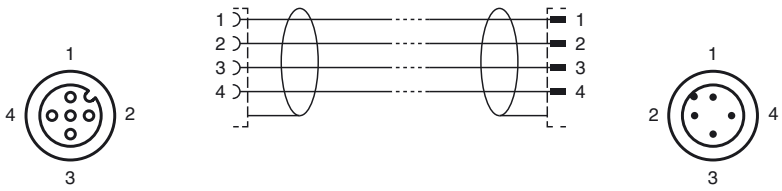
## Dimensions




## Technical data

| | | |
|---|---|---|
| **General specifications** | | |
| Number of pins | | 4 + shield |
| Connection 1 | | socket |
| Construction type 1 | | straight |
| Threading 1 | | M12 |
| Connection 2 | | Male connector |
| Construction type 2 | | right angle |
| Threading 2 | | M12 |
| **Electrical specifications** | | |
| Operating voltage | $U_B$ | max. 250 V AC/DC |
| Operating current | | max. 4 A |
| Volume resistance | | < 5 mΩ |
| **Ambient conditions** | | |
| Ambient temperature | | -40 ... 90 °C (-40 ... 194 °F)<br>cable, flexing: -25 ... 80 °C (-13 ... 176 °F)<br>cable, fixed: -25 ... 80 °C (-13 ... 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 |
| Sleeve connector | | Diecast zinc |
| Core insolation | | PP |
| Cable | | fine-strand, flexible |
| Sheath diameter | | Ø 4.8 mm |
| Bending radius | | > 10 x cable diameter, moving<br>5 x cable diameter, single bend |
| Color | | grey |
| Cores | | 4 x 0.34 mm$^2$ |
| Conductor construction | | 19 x 0.15 mm Ø |
| Shield | | grid covering 85 % |
| Length | L | 5 m |
| Flammability | | |
| Contact material | | HB |
| Housing | | V-2 |
| **Compliance with standards and directives** | | |
| Standard conformity | | |

## Electrical connection




Release date: 2013-08-14 13:16 Date of issue: 2013-08-14 127065_eng.xml

| | |
|---|---|
| Protection degree | EN 60529:2000 |
| Standards | IEC 61076-2-101:2008 |
| Flammability | Grip: UL 94 |

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Refer to “General Notes Relating to Pepperl+Fuchs Product Information”.
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