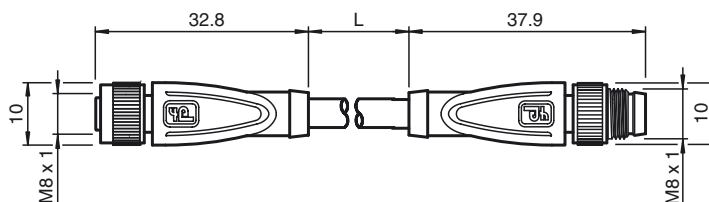




**Dimensions**



**Model Number**

**V3-GM-1,5M-PUR-V3-GM**

Connecting cable, M8 to M8, PUR cable 3-pin

**Features**

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Halogen-free
- Suitable for 2- and 3-wire technology

**Accessories**

**MH V3-SCREWDRIVER**  
torque screwdriver (0.4 Nm)

**MH V3-BIT M8**  
plug-in cap for M8

**MH V3-Holder**  
Modular universal holder for M8 connectors

**V1/V3-LABEL**  
Label plate

**VAZ-V3-B**  
Blind plug for M8 sockets

**Technical data**

**General specifications**

|                     |                |
|---------------------|----------------|
| Number of pins      | 3              |
| Connection 1        | socket         |
| Construction type 1 | straight       |
| Threading 1         | M8             |
| Connection 2        | Male connector |
| Construction type 2 | straight       |
| Threading 2         | M8             |

**Electrical specifications**

|                   |       |                |
|-------------------|-------|----------------|
| Operating voltage | $U_B$ | max. 60 V DC   |
| Operating current | $I_B$ | max. 4 A       |
| Volume resistance |       | < 5 m $\Omega$ |

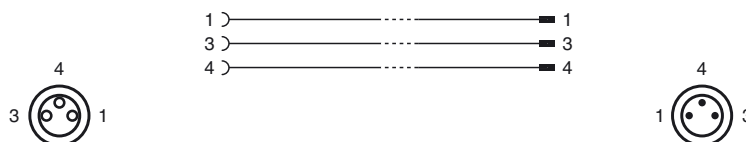
**Ambient conditions**

|                     |  |
|---------------------|--|
| Ambient temperature | -25 ... 100 °C (-13 ... 212 °F)<br>for temperatures over 80 °C (176 °F) reduced elongation at tear |
| Pollution degree    | 3  |

**Mechanical specifications**

|                        |                               |
|------------------------|-------------------------------|
| Contact elements       | spring-loaded contact socket  |
| Pin diameter           | 1 mm                          |
| Degree of protection   | IP67                          |
| Material               |                               |
| Contacts               | CuSn / Au                     |
| Contact surface        | Au                            |
| Body                   | TPU, black                    |
| Cable                  | PUR                           |
| Slotted nut            | Diecast zinc                  |
| Sleeve connector       | Diecast zinc                  |
| Core insulation        | PP                            |
| Cable                  | fine-strand, flexible         |
| Sheath diameter        | Ø4.8 mm                       |
| Bending radius         | > 10 x cable diameter, moving |
| Color                  | grey                          |
| Number of cores        | 3                             |
| Core cross-section     | 0.34 mm <sup>2</sup>          |
| Conductor construction | 19 x 0.15 mm Ø                |
| Length                 | L 1.5 m                       |
| Flammability           |                               |
| Contact carrier        | 94 V-2                        |
| Housing                | 94 V-2                        |

**Electrical connection**



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