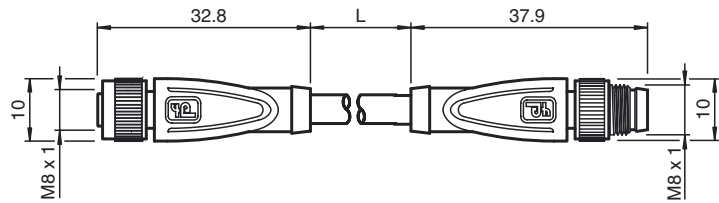


**Dimensions**



**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 and machined contacts
- Halogen-free
- Suitable for 2- and 3-wire technology

**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               |
| Test voltage      |       | > 1500 V <sub>eff</sub> AC |
| Operating current |       | max. 4 A                   |
| Volume resistance |       | < 5 mΩ                     |

**Ambient conditions**

|                     |                                 |   |
|---------------------|---------------------------------|---|
| Ambient temperature | -25 ... 100 °C (-13 ... 212 °F) | 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                          |       |
| <b>Material</b>        |                               |       |
| Contacts               | CuSn / Au                     |       |
| Contact surface        | Au                            |       |
| Body                   | TPU, green                    |       |
| 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                          |       |
| Cores                  | 3 x 0.34 mm <sup>2</sup>      |       |
| Conductor construction | 19 x 0.15 mm Ø                |       |
| Length                 | L                             | 1.5 m |
| <b>Flammability</b>    |                               |       |
| Contact material       | 94 V-2                        |       |
| Housing                | 94 V-2                        |       |

**Electrical connection**



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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".