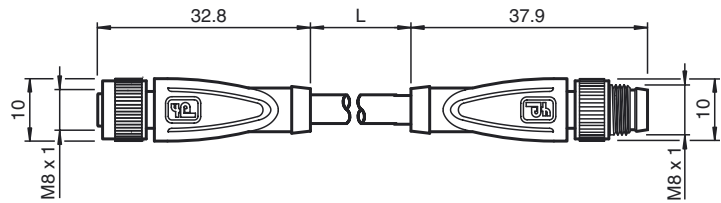


**Dimensions**



**Model Number**

**V31-GM-10M-PUR-V31-GM**

Connecting cable, M8 to M8, PUR cable 4-pin

**Features**

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Halogen-free
- Resistant to microbes and hydrolysis

**Technical data**

**General specifications**

Number of pins 4

**Electrical specifications**

Operating voltage  $U_B$  max. 30 V AC/DC

Test voltage > 1500 V<sub>eff</sub> AC

Operating current  $I_B$  max. 3 A

Volume resistance < 5 mΩ

**Ambient conditions**

Ambient temperature -40 ... 90 °C (-40 ... 194 °F)  
 cable, fixed: -40 ... 80 °C (-40 ... 176 °F)  
 cable, flexing: -20 ... 80 °C (-4 ... 176 °F)

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 Ø 4.3 mm

Bending radius > 15 x cable diameter, induced

> 8 x cable diameter, fixed

Color grey

Cores 4 x 0.25 mm<sup>2</sup>

Conductor construction 14 x 0.15 mm Ø

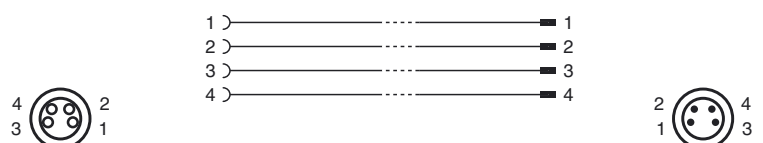
Length L 10 m

**Flammability**

Contact material 94 HB

Housing 94 V-2

**Electrical connection**



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

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