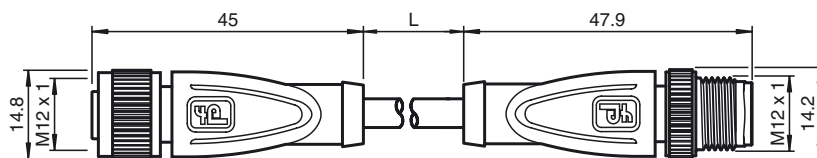




**Dimensions**



**Model Number**

**V1-G-1M-PUR-ABG-V1-G**  
 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 contacts
- Degree of protection IP67 / IP68 / IP69K
- Halogen-free
- Suitable for 2-, 3- and 4-wire technology

**Technical data**

**General specifications**

Number of pins 4 + shield

**Electrical specifications**

Operating voltage  $U_B$  max. 250 V AC/DC  
 Operating current  $I_B$  max. 4 A  
 Volume resistance < 5 mΩ

**Ambient conditions**

Ambient temperature -40 ... 90 °C (-40 ... 194 °F)  
 cable, flexing: -25 ... 80 °C (-13 ... 176 °F)  
 cable, fixed: -25 ... 80 °C (-13 ... 176 °F)

Pollution degree 3

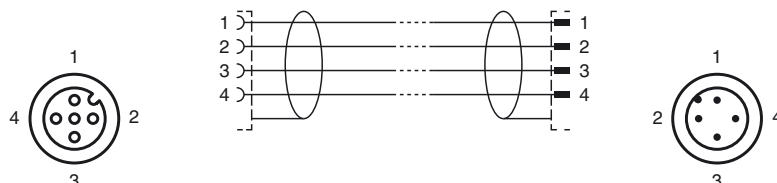
**Mechanical specifications**

Contact elements spring-loaded contact socket  
 Pin diameter 1 mm  
 Degree of protection IP67 / IP68 / IP69k  
 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 4  
 Core cross-section 0.34 mm<sup>2</sup>  
 Conductor construction 19 x 0.15 mm Ø  
 Shield grid covering 85 %  
 Length L 1 m  
 Flammability  
 Contact carrier HB  
 Housing V-2

**Compliance with standards and directives**

Standard conformity  
 Degree of protection EN 60529:2000  
 Standards IEC 61076-2-101:2008  
 Flammability Grip: UL 94

**Electrical connection**



Release date: 2016-11-03 10:02 Date of issue: 2016-11-03 240787-0012\_eng.xml