



### Model Number

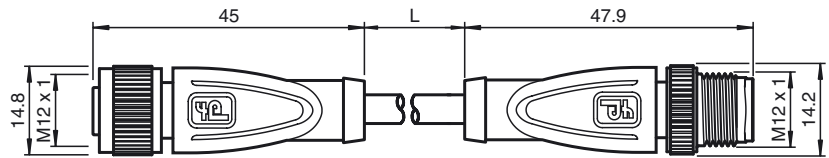
**V1-G-0,5M-PUR-ABG-V1-G**

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

### Dimensions



### 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 m $\Omega$

#### 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  $\varnothing$ 4.8 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  $\varnothing$   
 Shield grid covering 85 %  
 Length L 0.5 m

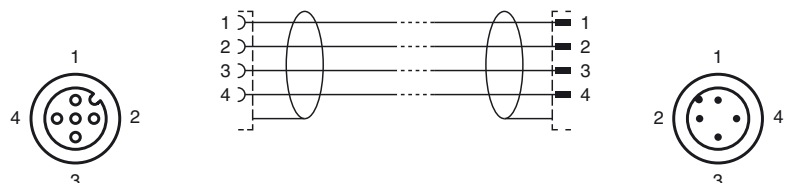
#### Flammability

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



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