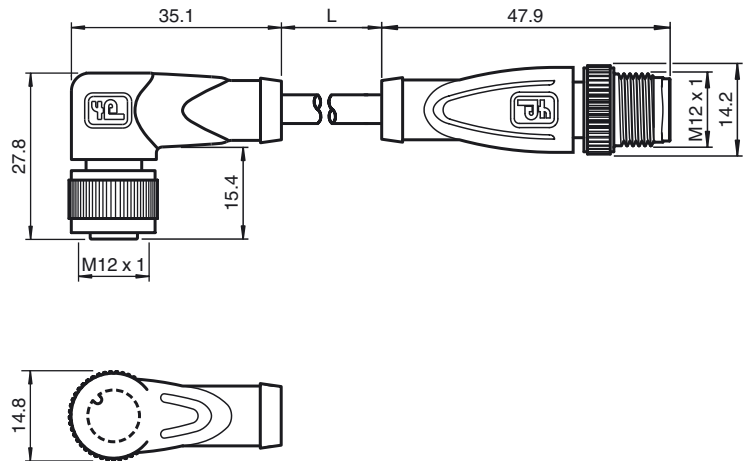




**Dimensions**



**Model Number**

**V1-W-E8W-OR1,2M-POC-V1-G**

Connection cable, M12 to M12, 4-pin, TPE cable, welding-bead resistant

**Features**

- Resistant to welding bead formation
- Suitable for robotic applications / torsion resistant
- Does not give off silicone
- Ozone resistant
- Built-in LED, as operating and function indicator
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Degree of protection IP67 / IP68 / IP69K

**Technical data**

**General specifications**

Number of pins 4

**Electrical specifications**

Operating voltage  $U_B$  max. 24 V DC  $\pm$  15%  
 Operating current  $I_B$  max. 4 A  
 Contact resistance < 10 m $\Omega$

**Ambient conditions**

Ambient temperature Body: -40 ... 90 °C (-40 ... 194 °F)  
 Cable, flexing:  
 -15 ... 120 °C (5 ... 248 °F) for 20000 h  
 -15 ... 150 °C (5 ... 302 °F) for 3000 h  
 cable, fixed:  
 -40 ... 120 °C (-40 ... 248 °F) for 20000 h  
 -40 ... 150 °C (-40 ... 302 °F) for 3000 h  
 Pollution degree 3

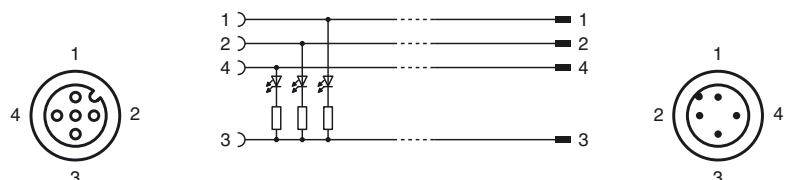
**Mechanical specifications**

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, transparent  
 TPU, black  
 Cable TPE resistant to welding bead formation  
 Slotted nut Diecast zinc  
 Sleeve connector Diecast zinc  
 Core insulation ETFE  
 Cable fine-strand, flexible  
 Sheath diameter  $\varnothing$  4.8 mm  
 Bending radius > 10 x cable diameter, moving  
 Color orange  
 Cores 4 x 0.34 mm<sup>2</sup>  
 Conductor construction 19 x 0.16 mm  $\varnothing$   
 Length L 1.2 m  
 Flammability  
 Contact carrier 94 HB  
 Housing 94 V-2  
 Cable flame-resistant

**Compliance with standards and directives**

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

**Electrical connection**



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Flammability

Body: UL 94  
Line: UL 1581 Section 1061; IEC 60332-1-2:2004

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