



**Dimensions**



**Model Number**

**V1-G-6M-PVC-V1-G**  
 Connecting cable, M12 to M12, PVC cable 4-pin

**Features**

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Suitable for 2-, 3- and 4-wire technology

**Technical data**

**General specifications**

Number of pins	4
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	Male connector
Construction type 2	straight
Threading 2	M12

**Electrical specifications**

Operating voltage	U <sub>B</sub>	max. 250 V AC/DC
Test voltage		> 1500 V <sub>eff</sub> AC
Operating current		max. 4 A
Volume resistance		< 5 mΩ

**Ambient conditions**

Ambient temperature		cable, fixed: -25 ... 70 °C (-13 ... 158 °F) cable, flexing: -5 ... -70 °C (23 ... -94 °F)
Pollution Degree		3

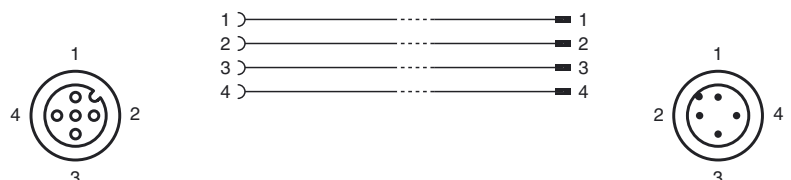
**Mechanical specifications**

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		PVC
Slotted nut		Diecast zinc
Sleeve connector		Diecast zinc
Core insulation		PVC
Cable		fine-strand, flexible
Sheath diameter		Ø 4.8 mm
Bending radius		> 10 x cable diameter, moving
Color		grey
Cores		4 x 0.34 mm <sup>2</sup>
Conductor construction		19 x 0.15 mm Ø
Length	L	6 m
Flammability		
Contact material		94 HB
Housing		94 V-2

**Compliance with standards and directives**

Standard conformity		
Degree of protection		EN 60529:2000

**Electrical connection**



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Standards	IEC 61076-2-101:2008
Flammability	Grip: UL 94

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