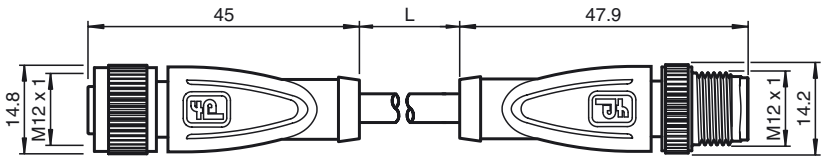


Dimensions



Model Number

V1-G-5M-PVC-V1-G

Connecting cable, M12 to M12, PVC cable 4-pin

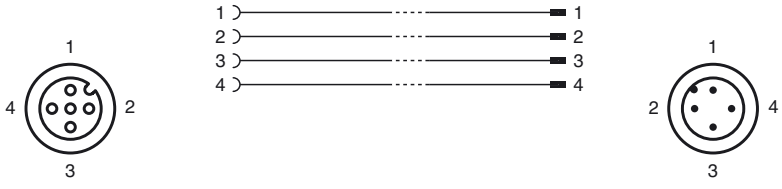
Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K

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_B	max. 250 V AC/DC
Test voltage		> 1500 V_{eff} 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 insolation		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^2
Conductor construction		19 x 0.15 mm Ø
Length	L	5 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



Release date: 2014-07-04 13:38 Date of issue: 2014-07-04 114701_eng.xml

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

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Refer to “General Notes Relating to Pepperl+Fuchs Product Information”.
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