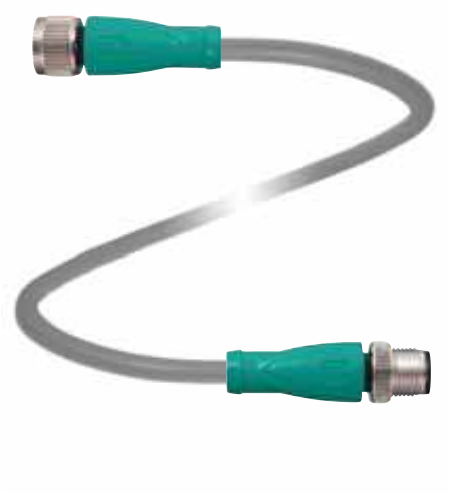
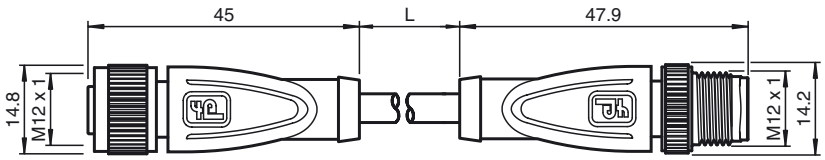


Dimensions



Model Number

V1-G-2M-PUR-V1-G

Connection cable, M12 to M12, PUR cable, 4-pin

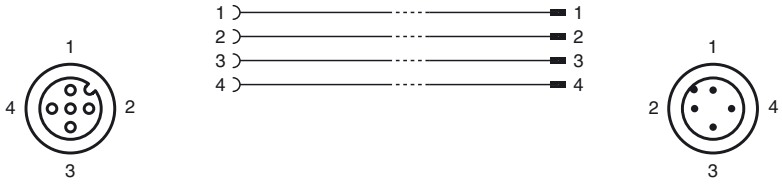
Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Protection degree IP67 / IP68 / IP69K
- Halogen-free

Technical data

General specifications		
Number of pins		4
Connection 1		female connector
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
Operating current		max. 4 A
Volume resistance		< 5 mΩ
Ambient conditions		
Ambient temperature		Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -30 ... 80 °C (-22 ... 176 °F)
Pollution Degree		3
Mechanical specifications		
Contact elements		spring-loaded contact socket
Pin diameter		1 mm
Protection degree		IP67 / IP68 / IP69k
Material		
Contacts		CuSn / Au
Contact surface		Au
Body		TPU, green
Cable		PUR
Slotted nut		Diecast zinc
Sleeve connector		Diecast zinc
Core insolation		PP
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	2 m
Flammability		
Contact material		94 HB
Housing		94 V-2
Compliance with standards and directives		
Standard conformity		
Protection degree		EN 60529:2000
Standards		IEC 61076-2-101:2008

Electrical connection



Release date: 2012-01-18 10:31 Date of issue: 2012-01-18 098851_eng.xml

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