



**Model Number**

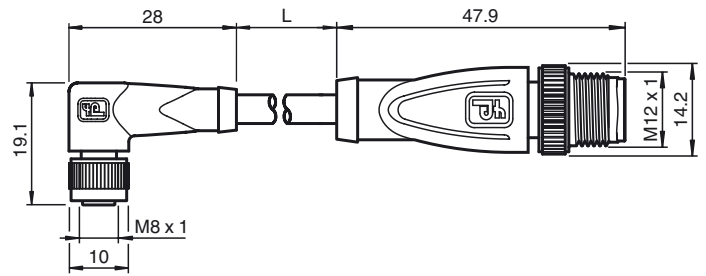
**V31-WM-2M-PUR-V1-G**

Connection cable, M8 to M12, PUR cable, 4-pin

**Features**

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Resistant to microbes and hydrolysis
- Halogen-free

**Dimensions**



**Technical data**

**General specifications**

Number of pins	4
Connection 1	socket
Construction type 1	right angle
Threading 1	M8
Connection 2	Male connector
Construction type 2	straight
Threading 2	M12

**Electrical specifications**

Operating voltage	$U_B$	max. 30 V AC/DC
Operating current	$I_B$	max. 3 A
Contact resistance		< 10 mΩ

**Ambient conditions**

Ambient temperature	-40 ... 90 °C (-40 ... 194 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -20 ... 80 °C (-4 ... 176 °F)
Pollution degree	3

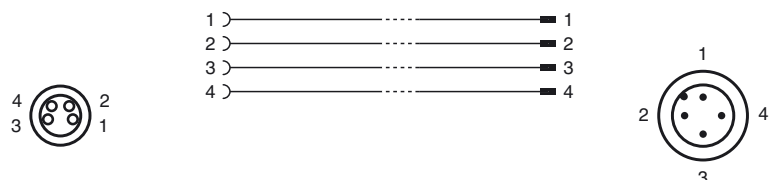
**Mechanical specifications**

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67
<b>Material</b>	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	PP
<b>Cable</b>	
Cable	fine-strand, flexible
Sheath diameter	Ø 4.3 mm
Bending radius	> 15 x cable diameter, moving > 8 x cable diameter, fixed
Color	grey
Number of cores	4
Core cross-section	0.25 mm <sup>2</sup>
Conductor construction	14 x 0.15 mm Ø
Length	L 2 m
<b>Flammability</b>	
Contact carrier	94 HB
Housing	94 V-2

**Compliance with standards and directives**

Standard conformity	
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**Electrical connection**



Release date: 2018-08-08 15:14 Date of issue: 2018-08-08 218228\_eng.xml

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".



Degree of protection	EN 60529:2000
Standards	IEC 61076-2-104:2008
Halogen-free	IEC 60754-1:1994

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