

Model Number

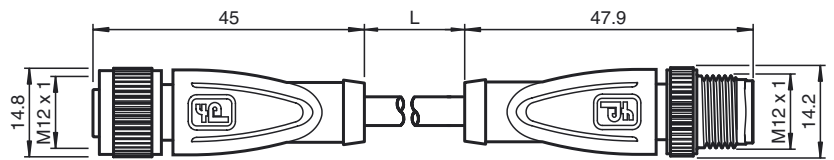
V1-G-E8W-OR5M-POC-V1-G

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
- Protection degree IP67 / IP68 / IP69K

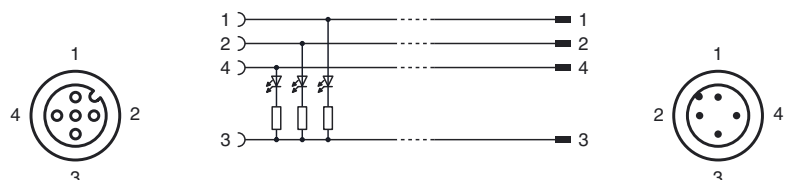
Dimensions



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
Indicators/operating means		
LED green		Operating display
LED yellow		Functional display NO 4
LED white		Functional display NO 2
Electrical specifications		
Operating voltage	U_B	max. 24 V DC \pm 15%
Operating current		max. 4 A
Volume resistance		< 5 m Ω
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
Protection degree		IP67 / IP68 / IP69k
Material		
Contacts		CuSn / Au
Contact surface		Au
Body		TPU, transparent
Cable		TPE resistant to welding bead formation
Slotted nut		Diecast zinc
Sleeve connector		Diecast zinc
Core insulation		ETFE
Cable		
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 ²
Conductor construction		19 x 0.16 mm \varnothing
Length	L	5 m

Electrical connection



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Subject to modifications without notice

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776-4411
fa-info@pepperl-fuchs.com

Copyright Pepperl+Fuchs
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

Flammability

Contact material	HB
Housing	V-2
Wire	flame-resistant

Compliance with standards and directives

Standard conformity	
Protection degree	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	Body: UL 94 Line: UL 1581 Section 1061; IEC 60332-2:2004

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