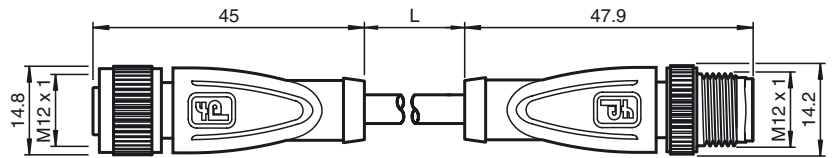




Dimensions



Model Number

V19-G-2M-PUR-ABG-V19-G

Connecting cable, M12 to M12, PUR cable 8-pin, shielded

Features

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

Technical data

General specifications

Number of pins	8 + shield
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. 30 V AC/DC
Operating current	I_B	max. 2 A
Characteristic impedance		$100 \Omega \pm 15 \Omega (> 1 \text{ MHz})$

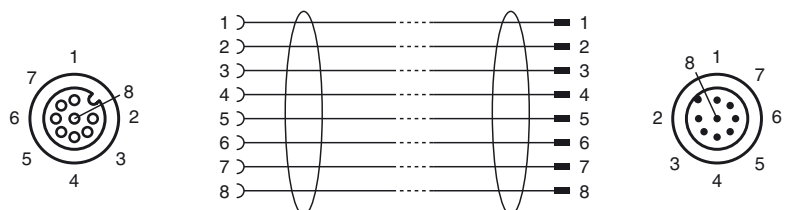
Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
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Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67 / IP68 / IP69k
Material	
Contacts	CuZn
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Core insulation	Polyolefin
Cable	extra-fine wire, flexible
Sheath diameter	$\varnothing 6.8 \text{ mm}$
Bending radius	$> 7.5 \times \text{cable diameter}$
Color	grey
Cores	$8 \times 0.25 \text{ mm}^2$
Conductor construction	$19 \times 0.127 \text{ mm } \varnothing$
Shield	grid
Length	L 2 m
Flammability	
Contact carrier	94 HB
Housing	94 V-2
Cable	IEC 60332-1-2:2005

Electrical connection



Release date: 2018-03-15 11:24 Date of issue: 2018-03-15 242906_eng.xml

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