



Dimensions



Model Number

V1-G-20M-PUR-H/S-V1-G

Connecting cable, M12 to M12, 4-pin, irradiated PUR cable

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
- Flexible sheathing

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. 300 V DC max. 250 V AC
Operating current		max. 4 A
Contact resistance		< 10 mΩ

Ambient conditions

Ambient temperature	40 ... 90 °C (104 ... 194 °F) cable, fixed: -50 ... 105 °C (-58 ... 221 °F) cable, flexing: -40 ... 105 °C (-40 ... 221 °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, black
Cable	PUR, irradiated
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	TPE-E
Cable	fine-strand, flexible
Sheath diameter	Ø 4.8 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, single bend
Color	orange
Cores	4 x 0.34 mm ²
Conductor construction	19 x 0.15 mm Ø
Length	L 20 m
Flammability	
Contact material	94 HB
Housing	94 V-2

Compliance with standards and directives

Standard conformity	
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Electrical connection



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



Protection degree	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	Body: UL 94 Line: UL 1581 Section 1061; IEC 60332-1-2:2004
Halogen-free	IEC 60754-1:1994

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