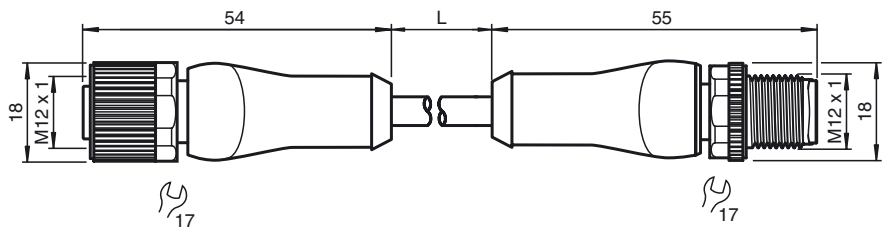




Dimensions



Model Number

V15L-G-1M-PUR-U-V15L-G

Cordset, M12 to M12, L-coded, 5-pin, PUR cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Flame resistant cable
- Resistant to microbes and hydrolysis
- Degree of protection IP65 / IP67

Technical data

General specifications

Number of pins	5
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. 48 V AC / 60 V DC
Operating current	I _B	max. 16 A Per contact
Volume resistance		< 5 mΩ

Ambient conditions

Ambient temperature	Body: -25 ... 85 °C (-13 ... 185 °F) cable, fixed: -30 ... 70 °C (-22 ... 158 °F) cable, flexing: -5 ... 70 °C (23 ... 158 °F)
Pollution degree	3

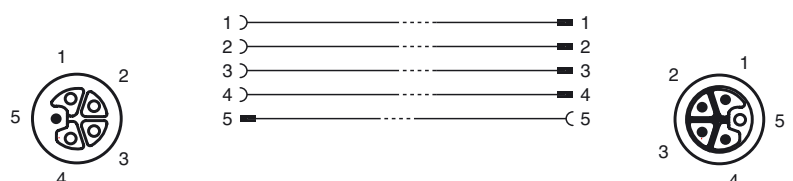
Mechanical specifications

Contact elements	spring-loaded contact socket
Degree of protection	IP65/IP67
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	black PUR
Cable	PUR
Slotted nut	Zinc die-casting, nickel-plated
Sleeve connector	Zinc die-casting, nickel-plated
Core insulation	PVC
Cable	extra-fine wire, flexible
Sheath diameter	Ø 8.7 mm ± 5 %
Bending radius	> 10 x cable diameter, moving > 7.5 x cable diameter, fixed
Color	grey
Cores	16 AWG
Number of cores	5
Core cross-section	1.5 mm ²
Length	L 1 m

Compliance with standards and directives

Standard conformity	
Specification	connector M12 x 1 : IEC 61076-2-101

Electrical connection



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