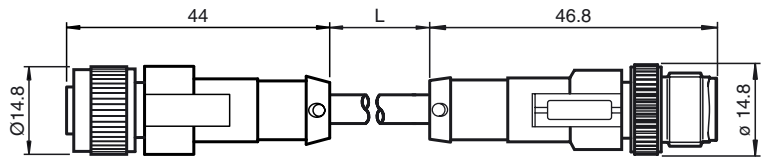




Dimensions



Model Number

V15-G-3M-PUR-CAN-V15-G

DeviceNet/CANOpen bus cable, M12 to M12, PUR cable 5-pin

Features

- Suitable for DeviceNet and CANopen
- Shield connected to pin 1
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Halogen-free

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. 4 A
Volume resistance		< 5 mΩ

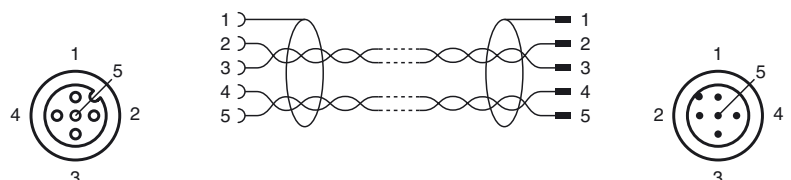
Ambient conditions

Ambient temperature	-25 ... 90 °C (-13 ... 194 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -20 ... 75 °C (-4 ... 167 °F)
Pollution degree	3

Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP65/IP67
Material	
Contacts	CuSn
Contact surface	Ni/Au
Body	TPU, black
Cable	PUR
Slotted nut	Zinc die-casting, nickel-plated
Sleeve connector	Zinc die-casting, nickel-plated
Seal	NBR
Core insulation	PE
Cable	2 pairs, each with 2 leads, wrapped around a drain wire
Sheath diameter	Ø 6.7 mm
Bending radius	> 10 x cable diameter, moving
Color	violet
Cores	2 x 0.2 mm ² (signal wire) 2 x 0.32 mm ² (power supply) 1 x 0.32 mm ² (drain wire)
Conductor construction	19 x 0.12 mm Ø (signal wire) 19 x 0.15 mm Ø (power supply)
Shield	grid Tin-plated copper wires, 70 % coverage
Length	L 3 m
Flammability	
Housing	94 HB

Electrical connection



Release date: 2019-07-15 16:52 Date of issue: 2019-07-15 188893_eng.xml

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



Compliance with standards and directives

Standard conformity

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

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

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