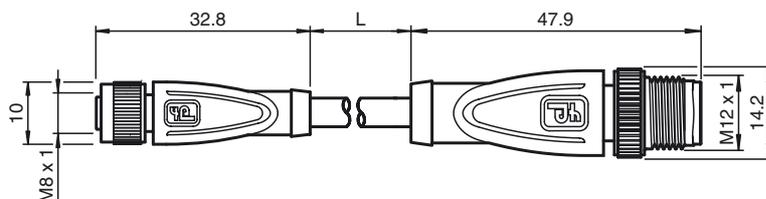




**Dimensions**



**Model Number**

**V3-GM-10M-PUR-V11-G**

Double-ended cordset, M8 to M12 3-pin, PUR cable

**Features**

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Halogen-free
- Suitable for 2- and 3-wire technology

**Technical data**

**General specifications**

Number of pins	3
Connection 1	socket
Construction type 1	straight
Threading 1	M8
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. 3 A
Volume resistance		< 5 mΩ

**Ambient conditions**

Ambient temperature	cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -20 ... 80 °C (-4 ... 176 °F)
Pollution degree	3

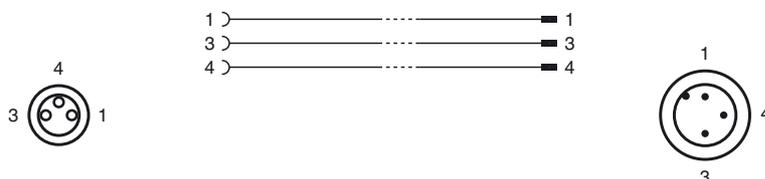
**Mechanical specifications**

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø 4.3 mm
Bending radius	> 15 x cable diameter, moving > 8 x cable diameter, fixed
Color	grey
Cores	3 x 0.25 mm <sup>2</sup>
Conductor construction	14 x 0.15 mm Ø
Length	L 10 m

**Compliance with standards and directives**

Standard conformity	
Specification	connector M8 x 1 : IEC 61076-2-104 connector M12 x 1 : IEC 61076-2-101

**Electrical connection**



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