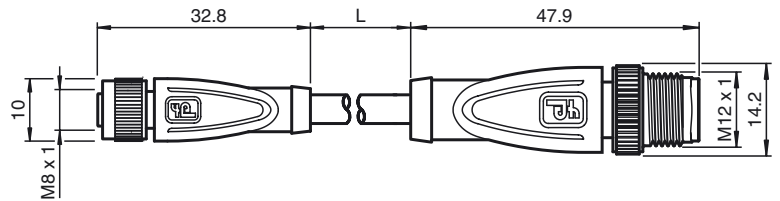




Dimensions



Model Number

V3-GM-3M-PUR-V1-G

Connection cable, M8 to M12, PUR cable, 3-pin

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Halogen-free
- Resistant to microbes and hydrolysis
- 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. 60 V AC/DC
Test voltage		> 1500 V _{eff} AC
Operating current		max. 3 A
Volume resistance		< 5 mΩ
Contact resistance		< 10 mΩ

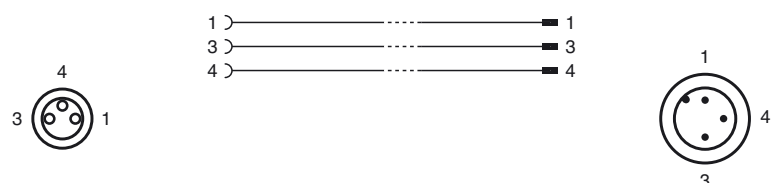
Ambient conditions

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	
Sheath diameter	Ø 4.3 mm
Bending radius	> 15 x cable diameter, induced > 8 x cable diameter, fixed
Color	grey
Cores	3 x 0.25 mm ²
Conductor construction	14 x 0.15 mm Ø
Length	L 3 m
Flammability	
Contact material	94 HB
Housing	94 V-2

Electrical connection



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