



### Model Number

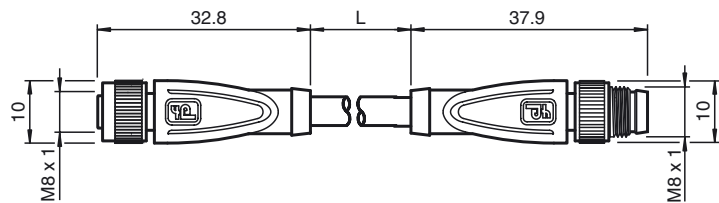
**V3-GM-3M-PUR-V3-GM**

Connecting cable, M8 to M8, PUR cable 3-pin

### Features

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

### Dimensions



### Technical data

#### General specifications

Number of pins	3
Connection 1	female connector
Construction type 1	straight
Threading 1	M8
Connection 2	Male connector
Construction type 2	straight
Threading 2	M8

#### Electrical specifications

Operating voltage	$U_B$	max. 60 V DC
Test voltage		> 1500 V <sub>eff</sub> AC
Operating current		max. 4 A
Volume resistance		< 5 mΩ

#### Ambient conditions

Ambient temperature	-25 ... 100 °C (-13 ... 212 °F)
	for temperatures over 80 °C (176 °F) reduced elongation at tear
Pollution Degree	3

#### Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Protection degree	IP67
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, green
Cable	PUR
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	PP
Cable	
Sheath diameter	Ø4.8 mm
Bending radius	> 10 x cable diameter, appropriate for conveyor chains
Color	grey
Cores	3 x 0.34 mm <sup>2</sup>
Conductor construction	19 x 0.15 mm Ø
Length	L 3 m
Flammability	
Contact material	94 V-2
Housing	94 V-2

### Electrical connection



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Subject to modifications without notice

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