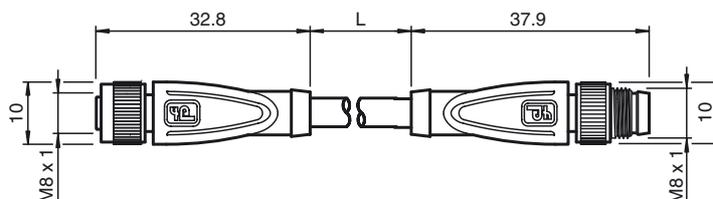




**Dimensions**



**Model Number**

**V3-GM-1M-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 contacts
- Halogen-free
- Suitable for 2- and 3-wire technology

**Accessories**

**MH V3-SCREWDRIVER**

torque screwdriver (0.4 Nm)

**MH V3-BIT M8**

plug-in cap for M8

**MH V3-Holder**

Modular universal holder for M8 connectors

**V1/V3-LABEL**

Label plate

**VAZ-V3-B**

Blind plug for M8 sockets

**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	M8

**Electrical specifications**

Operating voltage	$U_B$	max. 48 V AC / 60 V DC
Operating current	$I_B$	max. 4 A
Volume resistance		< 5 m $\Omega$

**Ambient conditions**

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

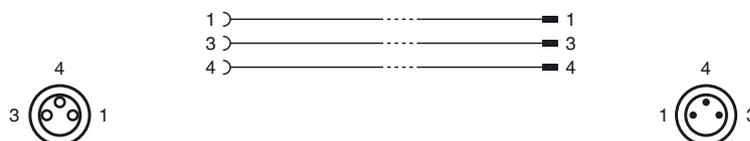
**Mechanical specifications**

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
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	Ø4.8 mm
Bending radius	> 10 x cable diameter, moving
Color	grey
Number of cores	3
Core cross-section	0.34 mm <sup>2</sup>
Conductor construction	19 x 0.15 mm Ø
Length	L 1 m
Flammability	
Contact carrier	94 V-2
Housing	94 V-2

**Compliance with standards and directives**

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

**Electrical connection**



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