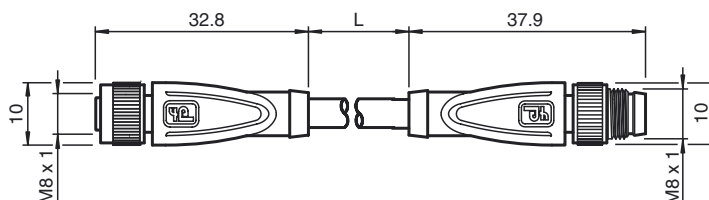




**Dimensions**



**Model Number**

**V31-GM-0,5M-PUR-V3-GM**

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

**Features**

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Halogen-free
- Resistant to microbes and hydrolysis

**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. 3 A
Volume resistance		< 5 mΩ

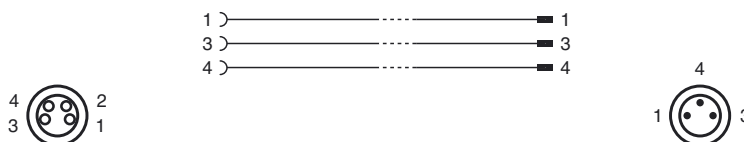
**Ambient conditions**

Ambient temperature	-40 ... 90 °C (-40 ... 194 °F) 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
Protection degree	IP67
<b>Material</b>	
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, induced > 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 0.5 m
<b>Flammability</b>	
Contact material	94 HB
Housing	94 V-2

**Electrical connection**



Release date: 2012-01-19 14:16 Date of issue: 2012-01-19 189694\_eng.xml