



**Model Number**

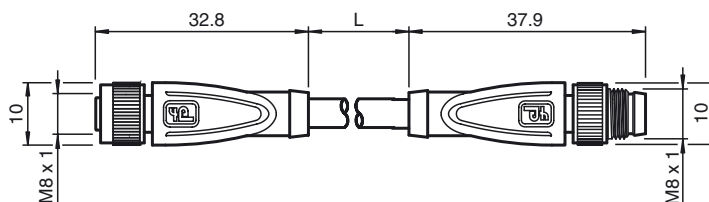
**V3-GM-BK1,5M-PUR-U-V3-GM**

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

**Features**

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Flame resistant cable
- Resistant to microbes and hydrolysis
- Halogen-free
- Appropriate for conveyor chains

**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
Operating current		max. 3 A
Volume resistance		< 5 m $\Omega$

**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

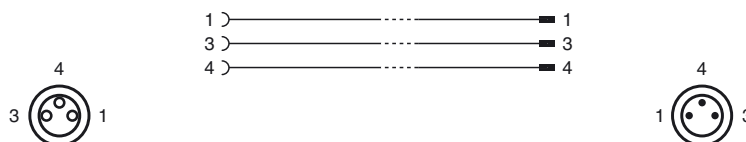
**Mechanical specifications**

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Protection degree	IP67
<b>Material</b>	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, green
Cable	PUR
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	PP
Cable	extra-fine wire, flexible
Sheath diameter	$\varnothing$ 4.3 mm
Bending radius	> 10 x cable diameter, appropriate for conveyor chains
Color	black
Cores	3 x 0.34 mm <sup>2</sup>
Conductor construction	42 x 0.1 mm $\varnothing$
Length	L 1.5 m

**Approvals and certificates**

UL approval	cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)
-------------	--

**Electrical connection**



Release date: 2011-10-27 13:35 Date of issue: 2011-10-27 224379\_eng.xml