



**Model Number**

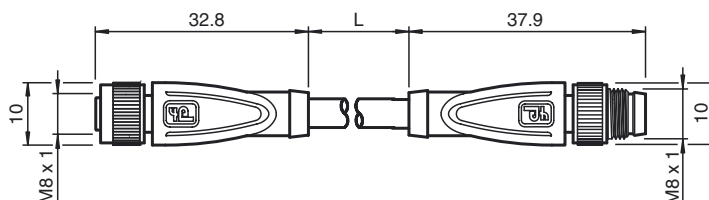
**V3-GM-41-YE0,45M-PVC-U-V3-GM**

Connection cable, M8 to M8, 3-pin, PVC 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
- Special crossed wiring of pin 1 and pin 4

**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
UL File Number	E231213

**Electrical specifications**

Operating voltage	U <sub>B</sub>	max. 60 V AC/DC
Operating current		max. 3 A
Volume resistance		< 5 mΩ

**Ambient conditions**

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -25 ... 80 °C (-13 ... 176 °F) cable, flexing: -5 ... 80 °C (23 ... 176 °F)
Pollution Degree	3

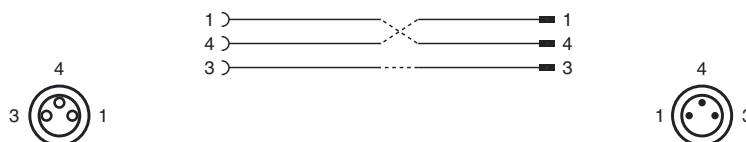
**Mechanical specifications**

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Protection degree	IP67
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, yellow
Cable	PVC
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	PVC
Cable	fine-strand, flexible
Sheath diameter	Ø 4.3 mm
Bending radius	> 15 x cable diameter, induced > 5 x cable diameter, fixed
Color	yellow
Cores	3 x 0.34 mm <sup>2</sup>
Conductor construction	19 x 0.15 mm Ø
Length	L 0.45 m
Flammability	
Contact material	HB
Housing	V-2

**Approvals and certificates**

UL approval	cURus AWM 2095 AWM I/II A/B 80°C 300V FT1 (cable)
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**Electrical connection**



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