



Model Number

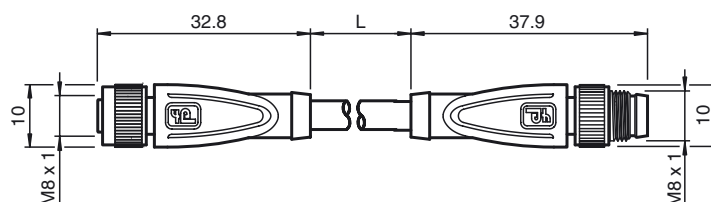
V3-GM-41-YE0,45M-PVC-U-V3-GM

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	socket
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_B	max. 48 V AC / 60 V DC
Operating current	I_B	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

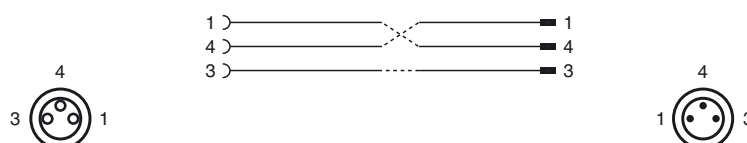
Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	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, moving > 5 x cable diameter, fixed
Color	yellow
Cores	3 x 0.34 mm ²
Conductor construction	19 x 0.15 mm Ø
Length	L 0.45 m
Flammability	
Contact carrier	HB
Housing	V-2

Compliance with standards and directives

Standard conformity

Electrical connection





Specification	connector M8 x 1 : IEC 61076-2-104
Approvals and certificates	
UL approval	cURus AWM 2095 AWM I/II A/B 80°C 300V FT1 (cable)

Release date: 2019-07-15 14:39 Date of issue: 2019-07-15 242771_eng.xml