



Connection cable

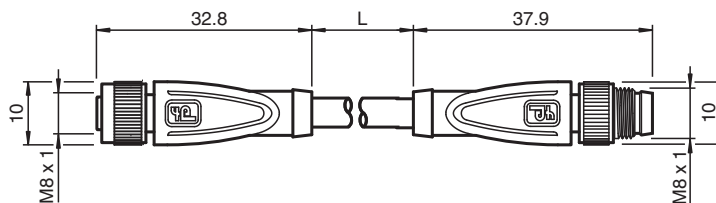
V3-GM-41-YE0,45M-PVC-U-V3-GM

- Pins 1 and 4 are crossed
- Degree of protection IP67
- cURus approval
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Cordset M8 socket straight to M8 plug straight A-coded, 3-pin crossed, PUR cable yellow, UL approved



Dimensions



Technical Data

General specifications		
Customization		pin 1 and 4 crossed
Connector 1		
Connection		socket
Construction type		M8
Style		straight
Locking		screw connection
Number of pins		3
Coding		A-coded
Connector 2		
Connection		plug
Construction type		M8
Style		straight
Locking		screw connection
Number of pins		3
Coding		A-coded
UL File Number		E231213

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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 **PEPPERL+FUCHS**

Technical Data

Electrical specifications

Operating voltage	U _B	max. 48 V AC / 60 V DC
Operating current	I _B	max. 3 A

Conformity

Degree of protection	EN 60529
Plug connection	connector M8 x 1 : IEC 61076-2-104
Flammability	UL 1581 , IEC 60332-1-2

Approvals and certificates

UL approval	AWM STYLE 2095 AWM I/II A/B 80°C 300V FT1 (cable)
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Ambient conditions

Ambient temperature	
Plug connector	-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

Plug connector	
Tightening torque	0.4 Nm
Loosening protection	available
Tool installation	straight knurling
Mating cycles	min. 100
Degree of protection	IP67
Cable	according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter	4.3 mm
Bending radius	> 15 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force	max. 50 N / 300 mm
Sheath color	yellow (similar to RAL 1021)
Number of cores	3
Core cross-section	0.34 mm ²
Cores color	Core 1: brown Core 3: blue Core 4: black
Core construction	19 x 0.15 mm Ø
Length	L 0.45 m
Cable code	Li YY 3 x 0,34

Material

Plug connector	
Screw connection	Zinc diecast, nickel-plated
Body	TPU, yellow
Contact surface	Au
Flammability	V-2
Cable	
Sheathing	PVC
Core insulation	PVC
Flammability	FT1

Connection Assignment

