

Connection cable

V31-WM-3M-PVC-V31-GM

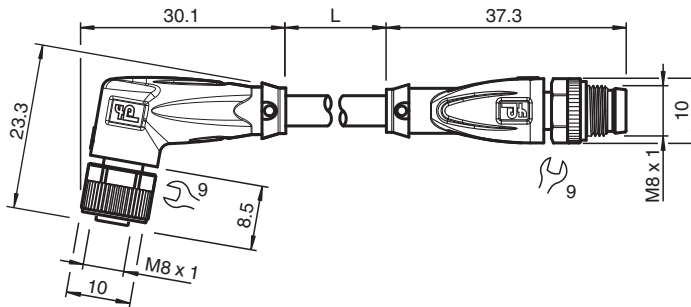


- Degree of protection IP68
- Specific design protects against loosening and inaccurate installation

Cordset M8 socket angled to M8 plug straight A-coded, 4-pin, PVC cable grey



Dimensions



Technical Data

General specifications

Connector 1		
Connection		socket
Construction type		M8
Style		angled
Locking		screw connection
Number of pins		4
Coding		A-coded
Connector 2		
Connection		plug
Construction type		M8
Style		straight
Locking		screw connection
Number of pins		4
Coding		A-coded

Electrical specifications

Operating voltage	U_B	max. 30 V AC/DC
Operating current	I_B	max. 3 A

Conformity

Degree of protection	EN 60529	
Plug connection	connector M8 x 1 : IEC 61076-2-104	

Ambient conditions

Release date: 2023-06-29 Date of issue: 2023-06-29 Filename: 240815-0009_eng.pdf

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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111
fa-info@de.pepperl-fuchs.com

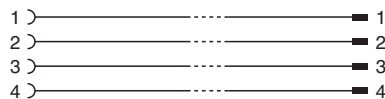
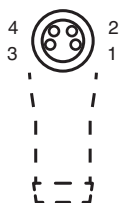
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

 **PEPPERL+FUCHS**

Technical Data

Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-40 ... 70 °C (-40 ... 158 °F)
Cable, flexing		-5 ... 70 °C (23 ... 158 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Tightening torque		0.4 Nm
Loosening protection		available
Tool installation		straight knurling and hexagon nut SW = 9 mm
Mating cycles		min. 100
Degree of protection		IP68
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		4.3 mm
Bending radius		> 15 x cable diameter, moving > 10 x cable diameter, fixed
Sheath stripping force		max. 80 N / 300 mm
Sheath color		grey (similar to RAL 7001)
Number of cores		4
Core cross section		0.25 mm ²
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black
Core construction		14 x 0.15 mm Ø
Length	L	3 m
Cable code		Li YY 4 x 0,25
Material		
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Seal		FKM
Contact surface		gold plated (Au)
Flammability		V-2
Cable		
Sheathing		PVC
Core insulation		PVC
Flammability		flame-resistant

Connection



Accessories

	MH V3-SCREWDRIVER	Torque screwdriver (0.4 Nm)
---	--------------------------	-----------------------------

Accessories

	MH V3-BIT M8	plug-in cap for M8
	V1/V3-LABELHOLDER	Label holder
	V1/V3-LABEL	Label plate
	MH V3-Holder	Modular universal holder for M8 connectors

Release date: 2023-06-29 Date of issue: 2023-06-29 Filename: 240815-0009_eng.pdf