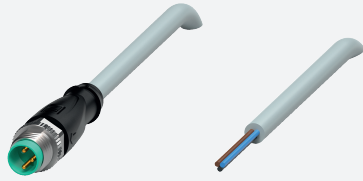


Cable connector V3S-GM-20M-PVC

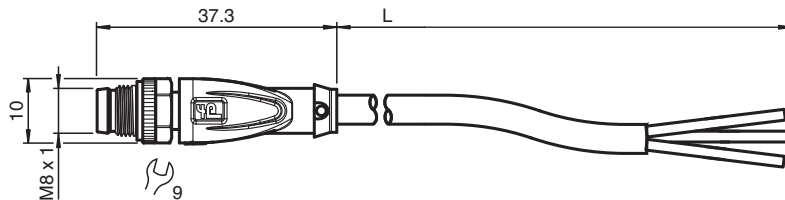


- Degree of protection IP68
- Specific design protects against loosening and inaccurate installation

Male cordset single-ended M8 straight A-coded, 3-pin, PVC cable grey



Dimensions



Technical Data

General specifications

Connector 1		
Connection		plug
Construction type		M8
Style		straight
Locking		screw connection
Number of pins		3
Coding		A-coded
Connector 2		
Connection		cable end

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

Ambient conditions

Release date: 2022-08-02 Date of issue: 2022-08-03 Filename: 240807-100000_eng.pdf

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

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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		3
Core cross section		0.25 mm ²
Cores color		Core 1: brown Core 3: blue Core 4: black
Core construction		14 x 0.15 mm Ø
Length	L	20 m
Cable code		Li YY 3 x 0,25
Material		
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Contact surface		gold plated (Au)
Flammability		V-2
Cable		
Sheathing		PVC
Core insulation		PVC
Flammability		flame-resistant

Connection Assignment



1	-----	BN
3	-----	BU
4	-----	BK

Accessories

	MH V3-SCREWDRIVER	torque screwdriver (0.4 Nm)
	MH V3-BIT M8	plug-in cap for M8

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Accessories

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

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