

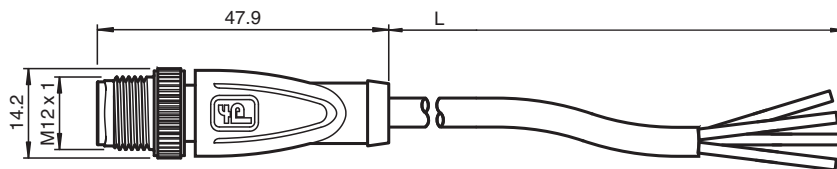
Cable connector V1S-G-5M-PVC

- Degree of protection IP67 / IP68 / IP69
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Male cordset single-ended M12 straight A-coded, 4-pin, PVC cable grey



Dimensions



Technical Data

General specifications

Connector 1			
Connection		plug	
Construction type		M12	
Style		straight	
Locking		screw connection	
Number of pins		4	
Coding		A-coded	
Connector 2			
Connection		cable end	

Electrical specifications

Operating voltage	U_B	max. 250 V AC/DC	
Operating current	I_B	max. 4 A	

Conformity

Degree of protection		EN 60529	
Plug connection		connector M12 x 1 : IEC 61076-2-101	
Flammability		IEC 60332-2-2	

Release date: 2021-04-05 Date of issue: 2021-04-05 Filename: 198744_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

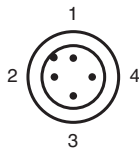
Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com

 PEPPERL+FUCHS

Technical Data

Ambient conditions		
Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-25 ... 70 °C (-13 ... 158 °F)
Cable, flexing		-5 ... 70 °C (23 ... 158 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		straight knurling
Mating cycles		min. 100
Degree of protection		IP67 / IP68 / IP69
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		4.8 mm
Bending radius		> 10 x cable diameter, moving
Sheath stripping force		max. 80 N / 300 mm
Sheath color		grey (similar to RAL 7001)
Number of cores		4
Core cross-section		0.34 mm ²
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black
Core construction		19 x 0.15 mm Ø
Length	L	5 m
Cable code		Li Y YM 4 x 0,34
Material		
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Contact surface		Au
Flammability		V-2
Cable		
Sheathing		PVC
Core insulation		PVC
Flammability		flame-resistant

Connection Assignment









1	BN
2	WH
3	BU
4	BK

Accessories

	MH V1-SCREWDRIVER	torque screwdriver (0.6 Nm)
-------------------------------------------------------------------------------------	--------------------------	-----------------------------

Accessories

	MH V1-BIT M12	plug-in cap M12
	V1/V3-LABELHOLDER	Label holder
	V1/V3-LABEL	Label plate
	MH V1-Holder	Modular universal holder for M12 connectors
	V1-CLIP	Unlocking protector for M12 connector
	V1-MARKING-RING-COLOR	Marking rings for M12 connectors, various colors