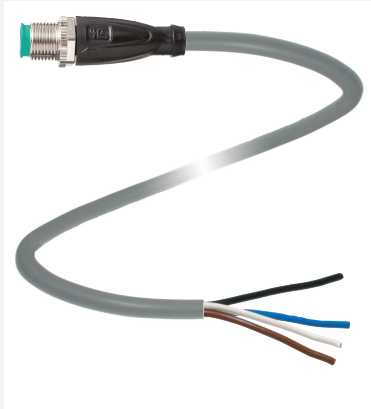




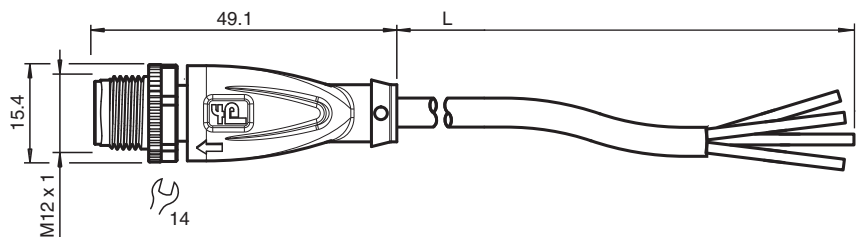
Cable connector V1S-G-2M-PVC

- Degree of protection IP68 / IP69
- Specific design protects against loosening and inaccurate installation

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: 2022-03-13 Date of issue: 2022-03-13 Filename: 126567_eng.pdf

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

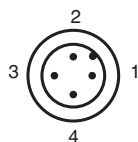
Mechanical specifications

Plug connector	
Tightening torque	0.6 Nm
Loosening protection	available
Tool installation	straight knurling and hexagon nut SW = 14 mm
Mating cycles	min. 100
Degree of protection	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 2 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)
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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