

Connection cable

V1-G-42-10M-PVC-V1-G

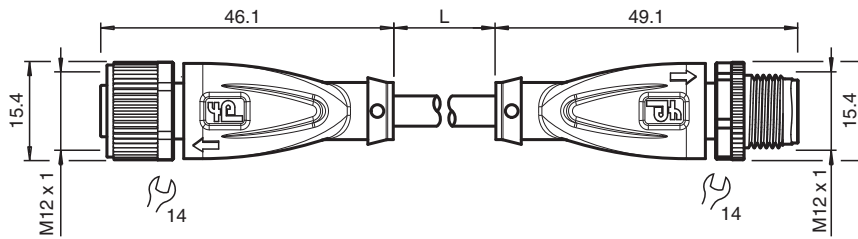


- Pins 2 and 4 are crossed
- Degree of protection IP68 / IP69
- Specific design protects against loosening and inaccurate installation

Cordset M12 socket straight to M12 plug straight A-coded, 4-pin crossed, PVC cable grey



Dimensions



Technical Data

General specifications

Customization	pin 2 and 4 crossed	
Connector 1		
Connection	socket	
Construction type	M12	
Style	straight	
Locking	screw connection	
Number of pins	4	
Coding	A-coded	
Connector 2		
Connection	plug	
Construction type	M12	
Style	straight	
Locking	screw connection	
Number of pins	4	
Coding	A-coded	

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	

Ambient conditions

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

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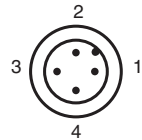
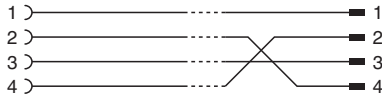
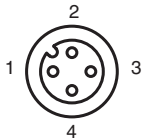
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Technical Data

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 mm²
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black
Core construction		19 x 0.15 mm Ø
Length	L	10 m
Cable code		Li Y YM 4 x 0,34
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 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