

Connection cable

V1-G-A2-BL3M-PUR-V1-G



- Built-in LED, as operating and function indicator
- Degree of protection IP68 / IP69
- Specific design protects against loosening and inaccurate installation

Cordset M12 socket straight A-coded LED 4-pin to M12 plug straight A-coded 4-pin, PUR cable blue



Dimensions



Technical Data

General specifications

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
Indicators/operating means		
LED green		Operating display
LED yellow		Functional display pin 4
Electrical specifications		
Operating voltage	U _B	max. 24 V DC -20 % / +25 %
Operating current	I _B	max. 4 A
Conformity		
Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101

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

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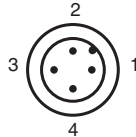
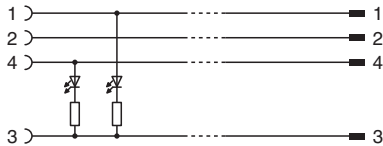
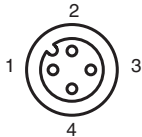
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Technical Data

Ambient conditions		
Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-30 ... 80 °C (-22 ... 176 °F)
Cable, flexing		-10 ... 80 °C (14 ... 176 °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 6
Sheath diameter		4.8 mm
Bending radius		> 15 x cable diameter, moving > 10 x cable diameter, fixed
Sheath color		blue (similar to RAL 5015)
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		42 x 0.1 mm Ø
Length	L	3 m
Cable code		Li FY 11Y 4 x 0.34
Material		
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, transparent/black
Seal		FKM
Contact surface		gold plated (Au)
Flammability		V-2
Cable		
Sheathing		PUR based on polyether
Core insulation		PVC
Flammability		HB

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