

Cable connector, NAMUR

V1-G-N-2M-PUR

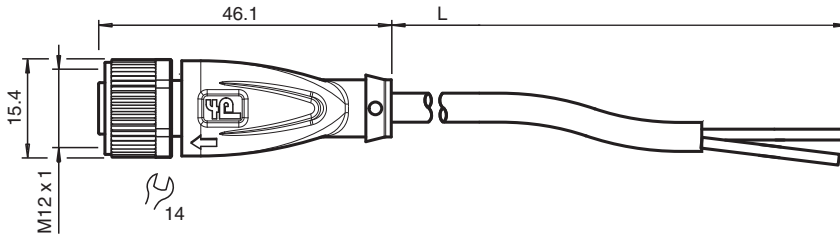


- Suitable for NAMUR technology
- Degree of protection IP68 / IP69
- Suitable for routing intrinsically safe circuits in accordance with DIN EN 60079-14:2014
- Specific design protects against loosening and inaccurate installation

Female cordset single-ended M12 straight A-coded, 2-pin, PUR cable blue, NAMUR



Dimensions



Technical Data

General specifications			
Connector 1			
Connection		socket	
Construction type		M12	
Style		straight	
Locking		screw connection	
Number of pins		2	
Coding		A-coded	
Connector 2			
Connection		cable end	
Electrical specifications			
Operating voltage	U_B	max. 250 V AC/DC	
Operating current	I_B	4 A	
Resistance per unit length	R'	max. 0.057 Ω /m	
Capacitance per unit length	C'	102.4 nF/km	
Inductance per unit length	L'	0.49 mH/km	
Conformity			

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

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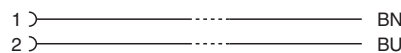
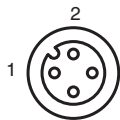
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PEPPERL+FUCHS


Technical Data

Degree of protection	EN 60529	
Plug connection	connector M12 x 1 : IEC 61076-2-101	
Ambient conditions		
Ambient temperature		
Plug connector	-40 ... 90 °C (-40 ... 194 °F)	
Cable, fixed	-40 ... 80 °C (-40 ... 176 °F)	
Cable, flexing	-20 ... 80 °C (-4 ... 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	2	
Core cross section	0.34 mm ²	
Cores color	Core 1: brown Core 2: blue	
Core construction	42 x 0.1 mm Ø	
Length	L	2 m
Cable code	Li FY 11Y 2 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	PUR based on polyether	
Core insulation	PVC	
Flammability	HB	







Connection Assignment



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