

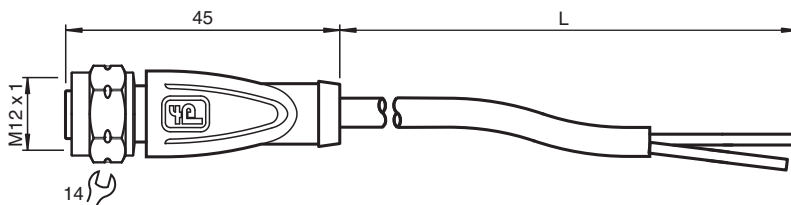
Cable connector, NAMUR V1-GV4A-N-30M-PVC

- Suitable for NAMUR technology
- Degree of protection IP67 / IP68 / IP69
- Screw connection stainless steel
- Suitable for routing intrinsically safe circuits in accordance with DIN EN 60079-14:2014

Female cordset single-ended M12 straight stainless steel 1.4404, A-coded, 2-pin, PVC 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. 0.053 Ω /m
Capacitance per unit length	C'	101.8 nF/km
Inductance per unit length	L'	0.581 mH/km

Conformity

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	-25 ... 70 °C (-13 ... 158 °F)

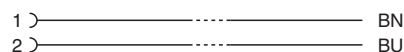
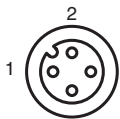
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".





Technical Data

Cable, flexing	-5 ... 70 °C (23 ... 158 °F)	
Pollution degree	3	
Mechanical specifications		
Plug connector		
Tightening torque	0.6 Nm	
Tool installation	hexagon nut SW = 14 mm	
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, fixed > 15 x cable diameter, moving	
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	19 x 0.15 mm Ø	
Length	L	30 m
Cable code	Li YY 2 x 0,34	
Material		
Plug connector		
Screw connection	Stainless steel 1.4404 / AISI 316L	
Body	TPU, black	
Contact surface	Au	
Flammability	V-2	
Cable		
Sheathing	PVC	
Core insulation	PVC	

Connection



Accessories

	MH V1-SCREWDRIVER	Torque screwdriver (0.6 Nm)
	MH V1-BIT M12-W14-HEX	Plug-in attachment for M12 with hex stainless steel knurled nut
	V1/V3-LABELHOLDER	Label holder
	V1/V3-LABEL	Label plate

Accessories

	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