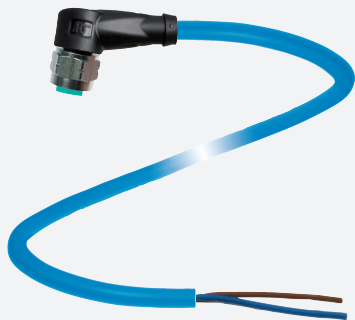




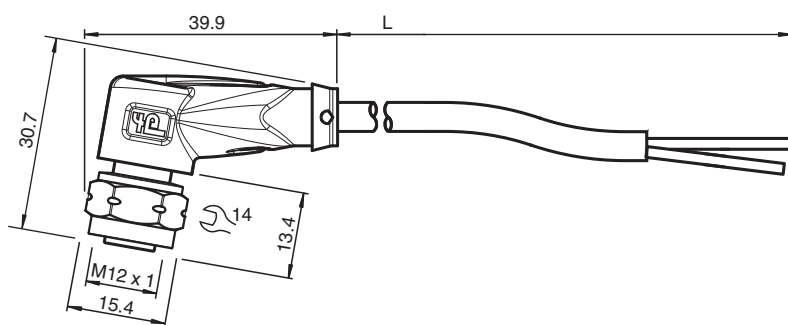
Cable connector, NAMUR V1-WV4A-N-30M-PUR

- Suitable for NAMUR technology
- Degree of protection IP68 / IP69
- Screw connection stainless steel
- 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 angled stainless steel 1.4404, A-coded, 2-pin, PUR cable blue, NAMUR



Dimensions



Technical Data

General specifications

Connector 1		
Connection		socket
Construction type		M12
Style		angled
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
Inductance 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

Release date: 2022-03-20 Date of issue: 2022-03-20 Filename: 70127859_eng.pdf

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

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 **PEPPERL+FUCHS**

Technical Data

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	-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
Tool installation		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	30 m
Cable code		Li FY 11Y 2 x 0.34

Material

Plug connector		
Screw connection		Stainless steel 1.4404 / AISI 316L
Body		TPU, black
Seal		FKM
Contact surface		Au
Flammability		V-2
Cable		
Sheathing		PUR based on polyether
Core insulation		PVC
Flammability		HB

Connection Assignment



1	BN
2	BU

Accessories

	MH V1-SCREWDRIVER	torque screwdriver (0.6 Nm)
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Accessories

	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
	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