

Cable connector male, NAMUR

V31S-W-N4-1M-PUR

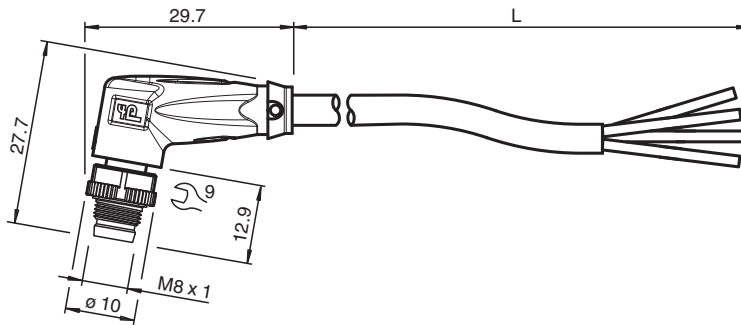


- Suitable for NAMUR technology
- Degree of protection IP68
- Specific design protects against loosening and inaccurate installation

Male cordset single-ended M8 angled A-coded, 4-pin, PUR cable blue, NAMUR



Dimensions



Technical Data

General specifications			
Connector 1			
Connection			plug
Construction type			M8
Style			angled
Locking			screw connection
Number of pins			4
Coding			A-coded
Connector 2			
Connection			cable end
Electrical specifications			
Operating voltage	U_B		max. 30 V AC/DC
Operating current	I_B		3 A
Resistance per unit length	R'		max. 0.057 Ω/m
Capacitance per unit length	C'		109 nF/km
Inductance per unit length	L'		0.49 mH/km
Conformity			
Degree of protection			EN 60529
Plug connection			connector M8 x 1 : IEC 61076-2-104
Ambient conditions			
Ambient temperature			

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

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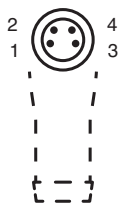
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PEPPERL+FUCHS

Technical Data



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		0.4 Nm
Loosening protection		available
Tool installation		straight knurling and hexagon nut SW = 9 mm
Mating cycles		min. 100
Degree of protection		IP68
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 mm ²
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black
Core construction		42 x 0.1 mm Ø
Length	L	1 m
Cable code		Li FY 11Y 4 x 0.34
Material		
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Contact surface		gold plated (Au)
Flammability		V-2
Cable		
Sheathing		PUR based on polyether
Core insulation		PVC
Flammability		HB

Connection






1	BN
2	WH
3	BU
4	BK

Accessories

	MH V3-SCREWDRIVER	Torque screwdriver (0.4 Nm)
	MH V3-BIT M8	plug-in cap for M8

Accessories

	V1/V3-LABELHOLDER	Label holder
	V1/V3-LABEL	Label plate
	MH V3-Holder	Modular universal holder for M8 connectors