

## Connection cable, NAMUR

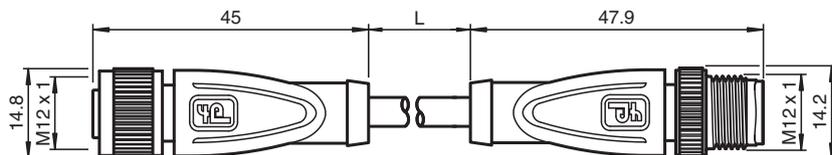
### V1-G-N-5M-PUR-V1-G

- Suitable for NAMUR technology
- Degree of protection IP67 / IP68 / IP69
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Suitable for routing intrinsically safe circuits in accordance with DIN EN 60079-14:2014

Cordset M12 socket straight to M12 plug straight A-coded, 2-pin, PUR cable blue, NAMUR



### Dimensions



### Technical Data

#### General specifications

<b>Connector 1</b>		
Connection		socket
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		2
Coding		A-coded
<b>Connector 2</b>		
Connection		Male connector
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		2
Coding		A-coded
<b>Electrical specifications</b>		
Operating voltage	U <sub>B</sub>	max. 250 V AC/DC

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

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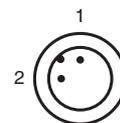
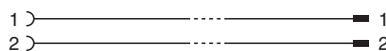
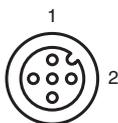
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## Technical Data

Operating current	I <sub>B</sub>	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
<b>Conformity</b>		
Degree of protection		EN 60529
Plug connection		connector M12 x 1 : IEC 61076-2-101
<b>Ambient conditions</b>		
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
<b>Mechanical specifications</b>		
Plug connector		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		straight knurling
Mating cycles		min. 100
Degree of protection		IP67 / IP68 / IP69
Cable		
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 <sup>2</sup>
Cores color		Core 1: brown Core 2: blue
Core construction		42 x 0.1 mm Ø
Length	L	5 m
Cable code		Li FY 11Y 2 x 0.34
<b>Material</b>		
Plug connector		
Knurled screw connection		Zinc die-casting, nickel-plated
Body		TPU, black
Contact surface		Au
Flammability		V-2
Cable		
Sheathing		PUR based on polyether
Core insulation		PVC
Flammability		HB

## Connection Assignment



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