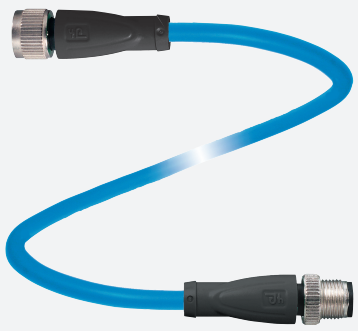


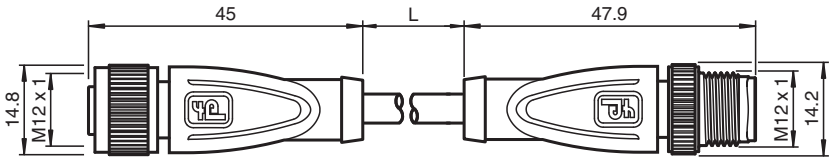
Connection cable, NAMUR

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

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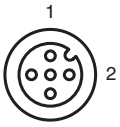
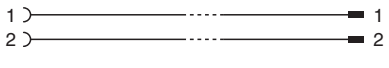
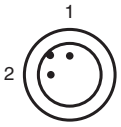
Technical Data

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
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
Loosening protection		available
Tool installation		straight knurling
Mating cycles		min. 100
Degree of protection		IP67 / 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	5 m
Cable code		Li FY 11Y 2 x 0.34
Material		
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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