Cable connector, NAMUR

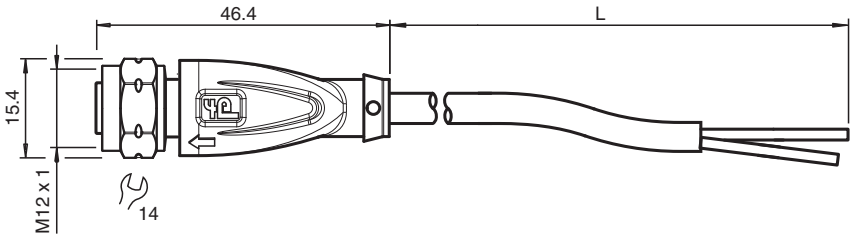
V1-GV4A-N-30M-PVC



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

Dimensions



Technical Data

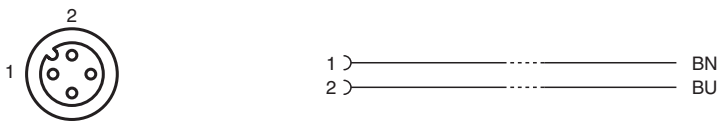
General specifications		
Connector 1		
Connection		socket
Construction type		M12
Style		straight
Locking		screw connection
Number of pins		2
Coding		A-coded
Connector 2		
Connection		cable end
Electrical specifications		
Operating voltage	U_B	max. 250 V AC/DC
Operating current	I_B	4 A
Resistance per 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 installation		-25 ... 70 °C (-13 ... 158 °F)

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Technical Data

Cable, flexing		-5 ... 70 °C (23 ... 158 °F)
Pollution degree		3
Mechanical specifications		
Plug connector		
Tightening torque		0.6 Nm
Loosening protection		available
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 5
Sheath diameter		4.8 mm
Bending radius		> 10 x cable diameter, fixed installation > 15 x cable diameter, movable installation
Sheath color		blue (similar to RAL 5015)
Number of cores		2
Core cross section		0.34 mm²
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
Mass		917.13 g
Material		
Plug connector		
Screw connection		Stainless steel 1.4404 / AISI 316L
Body		TPU, black
Seal		FKM
Contact surface		gold plated (Au)
Flammability		V-2
Cable		
Sheathing		PVC
Cores		bare copper (Cu)
Core insulation		PVC

Connection Assignment



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