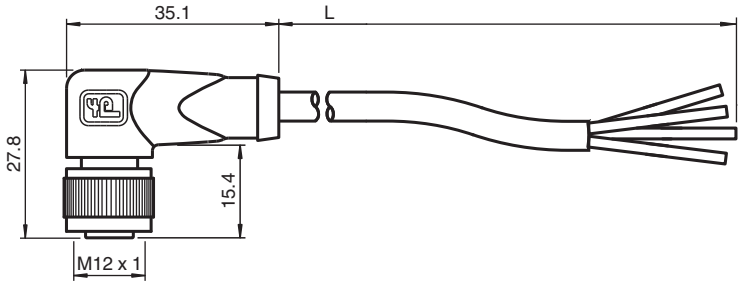
Cable connector, NAMUR

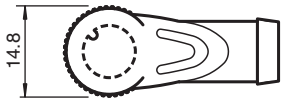
V1-W-N4-30M-PUR

- Suitable for NAMUR technology
- Degree of protection IP67 / IP68 / IP69
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Female cordset single-ended M12 angled A-coded, 4-pin, PUR cable blue, NAMUR

Dimensions





Technical Data

General specifications		
Connector 1		
Connection		socket
Construction type		M12
Style		right angle
Locking		screw connection
Number of pins		4
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'	109 nF/km
Inductance per unit length	L'	0.49 mH/km
Conformity		

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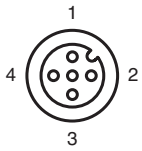
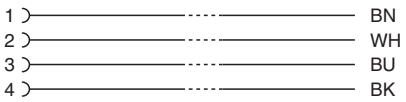
ПРОМЭЛЕКТРОНИКА / sales@prom-elec.com

Technical Data

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		-30 ... 80 °C (-22 ... 176 °F)
Cable, flexing		-10 ... 80 °C (14 ... 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		4
Core cross-section		0.34 mm²
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black
Core construction		42 x 0.1 mm Ø
Length	L	30 m
Cable code		Li FY 11Y 4 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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