

# Cable connector, NAMUR

## V1-W-N4-10M-PVC

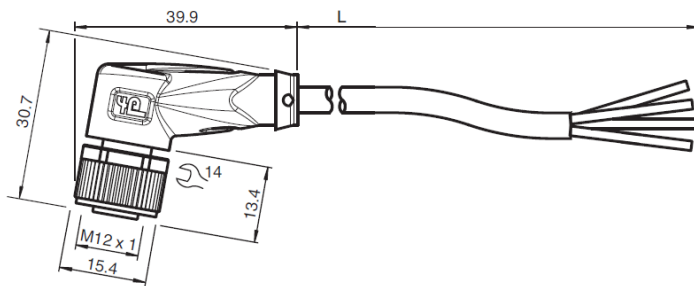
- Suitable for NAMUR technology
- Degree of protection IP68 / IP69
- Specific design protects against loosening and inaccurate installation



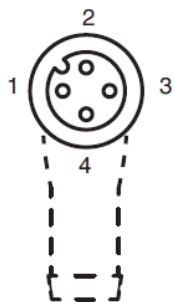
Female cord set single-ended M12 angled A-coded, 4-pin, PVC cable blue, NAMUR



### Dimensions



### Connection Assignment



1	—	BN
2	—	WH
3	—	BU
4	—	BK

## Technical Data

General specifications			
Connector 1			
Connection			Socket
Construction type			M12
Style			Angled
Locking			Screw connection
Number of pins			4
Coding			A-coded
Connector 2			
Connection			Cable end
Electrical specifications			
Operating voltage	UB		max. 250 V AC/DC
Operating current	IB		4 A
Resistance per unit length	R'		max. 0.057 Ω/m
Capacitance per unit length	C'		88.3 nF/km
Inductance per unit length	L'		0.55 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			-25 ... 70 °C (-13 ... 158 °F)
Cable, flexing			-5 ... 70 °C (23 ... 158 °F)
Pollution degree			3
Cable			
Sheathing			PVC
Core insulation PVC			PVC

Mechanical specifications	
<b>Plug connector</b>	
Tightening torque	0.6 Nm
Loosening protection	available
Tool installation	straight knurling and 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 > 15 x cable diameter, moving
Sheath color	blue (similar to RAL 5015)
Number of cores	4
Core cross section	0.34 mm <sup>2</sup>
Cores color	Core 1: brown Core 2: white Core 3: blue Core 4: black
Core construction	19 x 0.15 mm Ø
Length	L 10M
Cable code	Li YY 4 x 0,34
<b>Material</b>	
<b>Plug connector</b>	
Screw connection	Zinc diecast, nickel-plated
Body	TPU, black
Seal	FKM
Contact Surface	gold plated (Au)
Flammability	V-2

**! CAUTION**

Do not exceed maximum ratings and ensure sensor(s) are operated in accordance with their requirements. Carefully follow all wiring instructions. Incorrect wiring can cause permanent damage to the device. Do **NOT** use chemical cleaning agents.

**Failure to comply with these instructions may result in product damage.**

**INFORMATION**

As customer applications are outside of PST Sensing Ltd.'s control, the information provided is given without legal responsibility. Customers should test under their own conditions to ensure that the equipment is suitable for their intended application.

**GENERAL NOTE**

SST Sensing Ltd. reserves the right to make changes to product specifications without notice or liability. All information is subject to SST Sensing Ltd.'s own data and considered accurate at time of going to print.

For technical assistance or enquiries about other options, please contact:

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