

# Cable connector, NAMUR

## V1-G-N4-5M-PVC

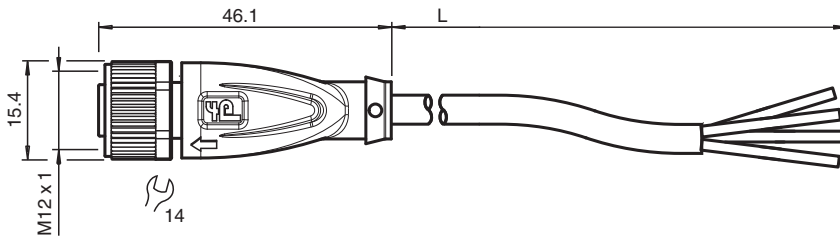


- Suitable for NAMUR technology
- Degree of protection IP68 / IP69
- Specific design protects against loosening and inaccurate installation

Female cordset single-ended M12 straight A-coded, 4-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	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
Resistance per unit length	$R'$	max. 0.057 $\Omega$ /m
Capacitance per unit length	$C'$	88.3 nF/km
Inductance per unit length	$L'$	0.55 mH/km

#### Conformity

Release date: 2022-09-30 Date of issue: 2022-09-30 Filename: 043047\_eng.pdf

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

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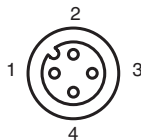
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## Technical Data








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	-25 ... 70 °C (-13 ... 158 °F)	
Cable, flexing	-5 ... 70 °C (23 ... 158 °F)	
Pollution degree	3	
<b>Mechanical specifications</b>		
Plug connector		
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		
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	5 m
Cable code	Li YY 4 x 0,34	
<b>Material</b>		
Plug connector		
Screw connection	Zinc diecast, nickel-plated	
Body	TPU, black	
Seal	FKM	
Contact surface	gold plated (Au)	
Flammability	V-2	
Cable		
Sheathing	PVC	
Core insulation	PVC	

## Connection Assignment



1	.....	BN
2	.....	WH
3	.....	BU
4	.....	BK

## Accessories

	<b>MH V1-SCREWDRIVER</b>	Torque screwdriver (0.6 Nm)
	<b>MH V1-BIT M12</b>	plug-in cap M12
	<b>V1/V3-LABELHOLDER</b>	Label holder
	<b>V1/V3-LABEL</b>	Label plate
	<b>MH V1-Holder</b>	Modular universal holder for M12 connectors
	<b>V1-CLIP</b>	Unlocking protector for M12 connector
	<b>V1-MARKING-RING-COLOR</b>	Marking rings for M12 connectors, various colors