



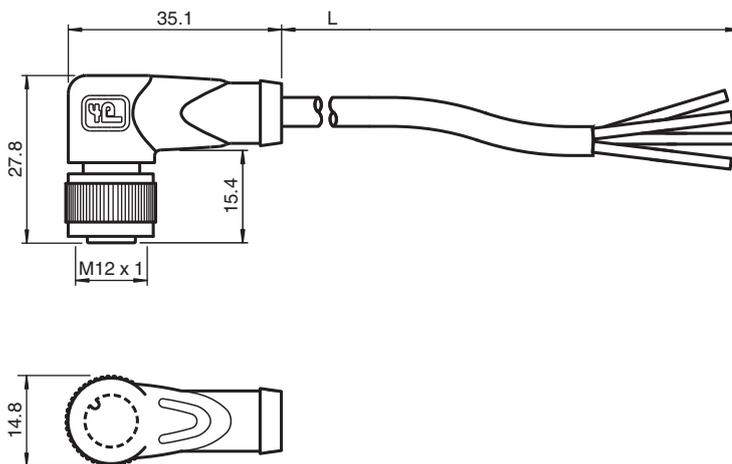
## Cable connector, NAMUR V1-W-N4-15M-PUR

- 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 $\Omega/m$
Capacitance per unit length	$C'$	109 nF/km
Inductance per unit length	$L'$	0.49 mH/km

#### Conformity

Release date: 2020-09-23 Date of issue: 2020-09-23 Filename: 240770-100002\_eng.pdf

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

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0001  
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 1111  
fa-info@de.pepperl-fuchs.com

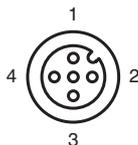
Singapore: +65 6779 9091  
fa-info@sg.pepperl-fuchs.com

PEPPERL+FUCHS

## 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	-30 ... 80 °C (-22 ... 176 °F)	
Cable, flexing	-10 ... 80 °C (14 ... 176 °F)	
Pollution degree	3	
<b>Mechanical specifications</b>		
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 mm <sup>2</sup>	
Cores color	Core 1: brown Core 2: white Core 3: blue Core 4: black	
Core construction	42 x 0.1 mm Ø	
Length	L	15 m
Cable code	Li FY 11Y 4 x 0.34	
<b>Material</b>		
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



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