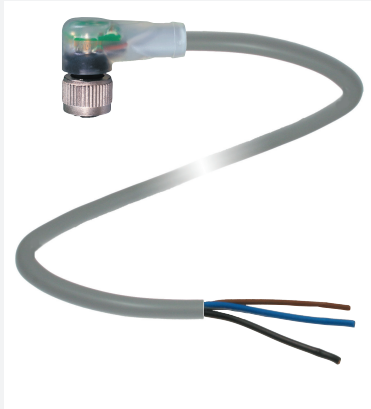




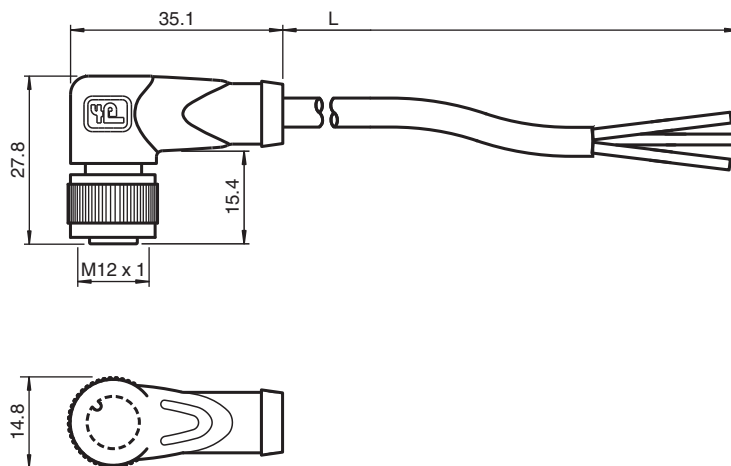
Female connector V1-W-E2-5M-PUR

- Built-in LED, as operating and function indicator
- Degree of protection IP67 / IP68 / IP69
- Resistant to microbes and hydrolysis
- Halogen-free
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Female cordset single-ended M12 angled A-coded, LED 3-pin, PUR cable grey



Dimensions



Technical Data

General specifications

Connector 1		
Connection		socket
Construction type		M12
Style		right angle
Locking		screw connection
Number of pins		3
Coding		A-coded
Connector 2		
Connection		cable end

Indicators/operating means

LED green		Operating display
LED yellow		Functional display pin 4

Electrical specifications

Operating voltage	U_B	max. 24 V DC -20 % / +25 %
Operating current	I_B	max. 4 A

Conformity

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

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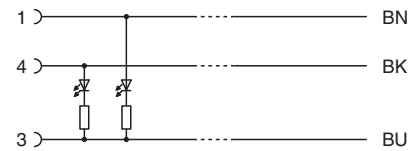
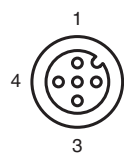
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 **PEPPERL+FUCHS**

Technical Data

Degree of protection	EN 60529	
Plug connection		connector M12 x 1 : IEC 61076-2-101
Halogen-free	IEC 60754-1	
Ambient conditions		
Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-25 ... 80 °C (-13 ... 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 5	
Sheath diameter		4.8 mm
Bending radius	> 10 x cable diameter, moving > 8 x cable diameter, fixed	
Sheath stripping force		max. 10 N / 50 mm
Sheath color	grey (similar to RAL 7001)	
Number of cores		3
Core cross-section	0.34 mm²	
Cores color		Core 1: brown Core 3: blue Core 4: black
Core construction	19 x 0.15 mm Ø	
Length	L	5 m
Cable code	Li 9Y 11YM 3 x 0.34	
Drag chain suitability		
Drag chain cycles	max. 50 / day	
Motion velocity	max. 0.3 m/s	
Material		
Halogen-free		yes
Plug connector		
Knurled screw connection		Zinc die-casting, nickel-plated
Body	TPU, transparent	
Contact surface		Au
Flammability	V-2	
Cable		
Sheathing	PUR based on polyether	
Core insulation		PP
Chemical resistance	good	
Microbial resistance		yes
Hydrolysis resistance	yes	

Connection



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