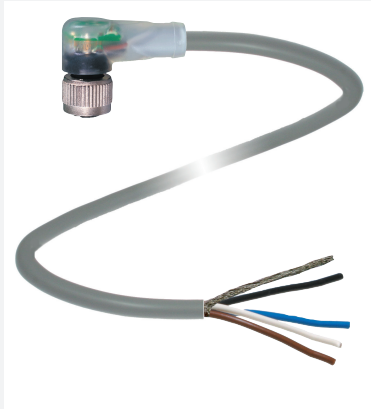




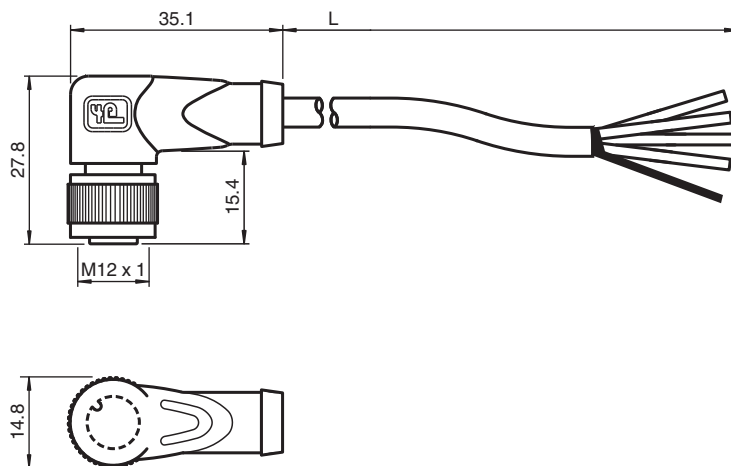
Cable socket, shielded V1-W-A2-10M-PUR-ABG0

- Built-in LED, as operating and function indicator
- Degree of protection IP67 / IP68 / IP69
- Halogen-free
- Shield not connected to screw connection
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Female cordset single-ended M12 straight A-coded, LED 4-pin, PUR cable grey, shielded



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

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

Release date: 2021-02-27 Date of issue: 2021-02-27 Filename: 228294_eng.pdf

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

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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	DIN VDE 0472-815 DIN EN 50267-2-1	
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	
Shielding		shield not connected to screw connection
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 > 5 x cable diameter, fixed
Sheath stripping force	max. 100 N / 300 mm	
Sheath color	grey (similar to RAL 7001)	
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		19 x 0.15 mm Ø
Shield	tinned copper braiding, 85 % coverage	
Length	L	3 m
Cable code	Li 9Y 11YM 4 x 0.34	
Material		
Halogen-free	yes	
Plug connector		
Screw connection	Zinc diecast, nickel-plated	
Body		TPU, transparent
Contact surface	Au	
Flammability		V-2
Cable		
Sheathing		PUR based on polyether
Core insulation	PP	
Chemical resistance		good

Connection Assignment

