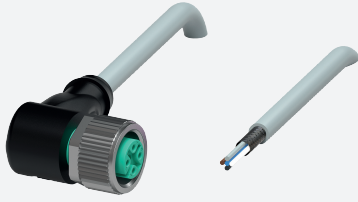


# Cable socket, shielded V15-W-15M-PVC-ABG

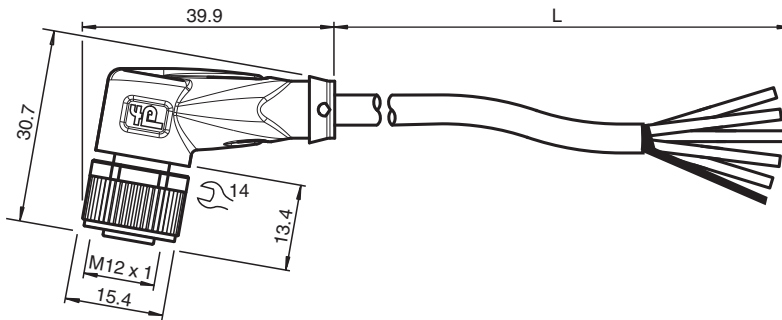


- Degree of protection IP68 / IP69
- Shield connected to screw connection
- Specific design protects against loosening and inaccurate installation

Female cordset single-ended M12 angled A-coded, 5-pin, PVC cable grey, shielded



## Dimensions



## Technical Data

### General specifications

Connector 1	
Connection	socket
Construction type	M12
Style	angled
Locking	screw connection
Number of pins	5
Coding	A-coded
Connector 2	
Connection	cable end

### Electrical specifications

Operating voltage	$U_B$	max. 48 V AC / 60 V DC
Operating current	$I_B$	max. 4 A

### Conformity

Degree of protection	EN 60529
Plug connection	connector M12 x 1 : IEC 61076-2-101
Flammability	IEC 60332-2-2

### Ambient conditions

Ambient temperature	
Plug connector	-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed	-30 ... 80 °C (-22 ... 176 °F)

Release date: 2023-09-04 Date of issue: 2023-09-05 Filename: 253355\_eng.pdf

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

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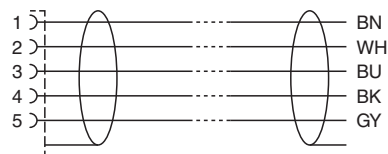
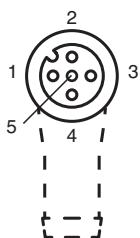
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PEPPERL+FUCHS


## Technical Data

Cable, flexing		-15 ... 80 °C (5 ... 176 °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
Shielding		shield connected to screw connection
Degree of protection		IP68 / IP69
Cable		according to IEC/EN 60228 (DIN VDE 0295) class 6
Sheath diameter		4.8 mm
Bending radius		> 10 x cable diameter, moving > 5 x cable diameter, fixed
Sheath stripping force		max. 25 N / 100 mm
Sheath color		grey (similar to RAL 7001)
Number of cores		5
Core cross section		0.34 mm <sup>2</sup>
Cores color		Core 1: brown Core 2: white Core 3: blue Core 4: black Core 5: grey
Core construction		19 x 0.15 mm Ø
Shield		tinned copper braiding, 85 % coverage
Length	L	15 m
Cable code		Li 9Y YM 5 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		PP
Flammability		flame-resistant







## Connection



## Accessories

	<b>MH V1-SCREWDRIVER</b>	Torque screwdriver (0.6 Nm)
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## Accessories

	<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