

# Connection cable

## V15-W-70M-PVC-V15-G



- Degree of protection IP68 / IP69
- Specific design protects against loosening and inaccurate installation

Cordset M12 socket angled to M12 plug straight A-coded, 5-pin, PVC cable grey



### Dimensions



### Technical Data

#### General specifications

<b>Connector 1</b>			
Connection		socket	
Construction type		M12	
Style		angled	
Locking		screw connection	
Number of pins		5	
Coding		A-coded	
<b>Connector 2</b>			
Connection		plug	
Construction type		M12	
Style		straight	
Locking		screw connection	
Number of pins		5	
Coding		A-coded	
<b>Electrical specifications</b>			
Operating voltage	$U_B$	max. 48 V AC / 60 V DC	
Operating current	$I_B$	max. 4 A	
<b>Conformity</b>			
Degree of protection		EN 60529	
Plug connection		connector M12 x 1 : IEC 61076-2-101	

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

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## Technical Data

### Ambient conditions

Ambient temperature		
Plug connector		-40 ... 90 °C (-40 ... 194 °F)
Cable, fixed		-40 ... 70 °C (-40 ... 158 °F)
Cable, flexing		-5 ... 70 °C (23 ... 158 °F)
Pollution degree		3

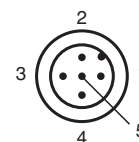
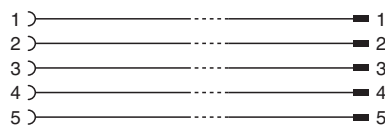
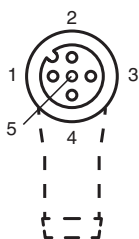
### Mechanical specifications

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		according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter		4.8 mm
Bending radius		> 10 x cable diameter, moving
Sheath stripping force		max. 80 N / 300 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
Length	L	70 m
Cable code		Li Y YM 5 x 0,34


### Material

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
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

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