

## Adapter cable

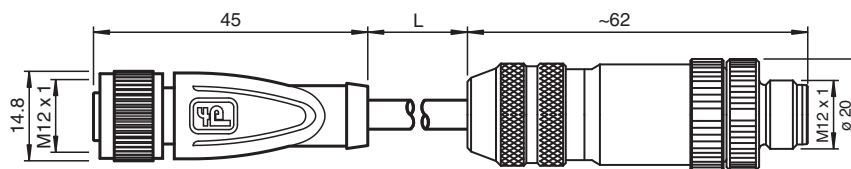
### V1-G-3,5M-PUR-ABG-V15B-G

- Compatible with PROFIBUS
- Pins 2 and 4 are crossed
- Degree of protection IP67
- Halogen-free
- Shield connected to screw connection
- Shield connected to pin 5
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Metal housing

Adapter cable M12 socket straight A-coded 4-pin to M12 plug straight B-coded metal housing 5-pin, PUR cable grey, shielded



## Dimensions



## Technical Data

### General specifications

Customization	pin 2 and 4 crossed	
Connector 1		
Connection	socket	
Construction type	M12	
Style	straight	
Locking	screw connection	
Number of pins	4	
Coding	A-coded	
Connector 2		
Connection	plug	
Construction type	M12	
Style	straight	
Locking	screw connection	
Number of pins	5	
Coding	B-coded	
Customization	Metal housing	

### Electrical specifications

Operating voltage	$U_B$	max. 60 V DC
Operating current	$I_B$	max. 4 A
Volume resistance		< 3 m $\Omega$

### Conformity

Degree of protection	EN 60529
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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## Technical Data

Plug connection		connector M12 x 1 : IEC 61076-2-101
Halogen-free		DIN VDE 0472-815 DIN EN 50267-2-1
<b>Ambient conditions</b>		
Ambient temperature		
Connector 1		-40 ... 90 °C (-40 ... 194 °F)
Connector 2		-40 ... 85 °C (-40 ... 185 °F)
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing		-25 ... 80 °C (-13 ... 176 °F)
Pollution degree		3
<b>Mechanical specifications</b>		
Connector 1		
Tightening torque		0.6 Nm
Loosening protection		available
Tool installation		straight knurling
Mating cycles		min. 100
Shielding		shield connected to screw connection
Degree of protection		IP67 / IP68 / IP69
Connector 2		
Tightening torque		0.5 Nm
Tool installation		straight knurling , hexagon nut SW = 18 mm
Mating cycles		min. 50
Shielding		shield connected to pin 5
Degree of protection		IP67
Cable		
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 mm <sup>2</sup>
Cores color		Core 1-1: brown Core 2-4: white Core 3-3: blue Core 4-2: black
Core construction		19 x 0.15 mm Ø
Shield		tinned copper braiding, 85 % coverage
Length	L	3.5 m
Cable code		Li 9Y 11YM 4 x 0.34
<b>Material</b>		
Halogen-free		yes
Connector 1		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Contact surface		Au
Flammability		V-2
Connector 2		
Screw connection		Zinc diecast, nickel-plated
Body		Zinc diecast, nickel-plated
Contact surface		Au
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
Chemical resistance		good

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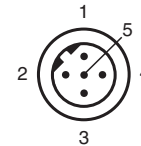
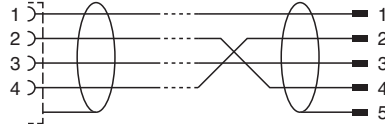
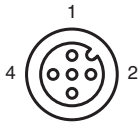
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**Connection**



**Accessories**

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