

# Cable connector, shielded

## V15SB-G-2M-PUR-ABG

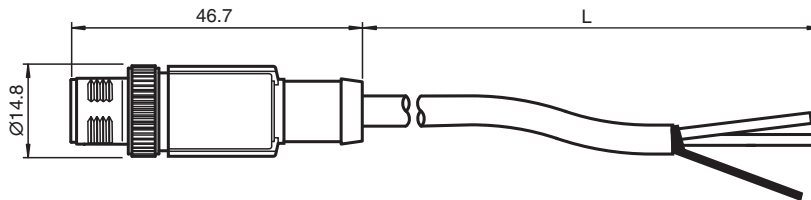


- Data transmission up to 12 MBaud
- Halogen-free
- Shield connected to screw connection
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

PROFIBUS bus cable male cordset single-ended M12 straight B-coded 5-pin, PUR cable grey, shielded



### Dimensions



### Technical Data

General specifications			
Connector 1			
Connection		plug	
Construction type		M12	
Style		straight	
Locking		screw connection	
Number of pins		5	
Coding		B-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		UL 1581; DIN EN 60332-1-2	
Halogen-free		DIN VDE 0472-815 IEC 60754-1	
Ambient conditions			
Ambient temperature			
Plug connector		-25 ... 90 °C (-13 ... 194 °F)	
Cable, fixed		-40 ... 80 °C (-40 ... 176 °F)	
Cable, flexing		-30 ... 80 °C (-22 ... 176 °F)	

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

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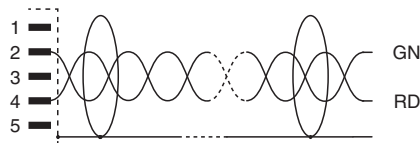
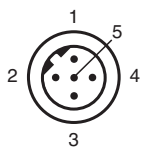
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## Technical Data

Pollution degree		3
<b>Mechanical specifications</b>		
Plug connector		
Tightening torque		0.4 Nm
Loosening protection		available
Tool installation		straight knurling
Mating cycles		min. 100
Shielding		shield connected to screw connection
Degree of protection		IP65 / IP67/ IP68
Cable		
Sheath diameter		7.8 mm
Bending radius		min. 40 mm , active min. 65 mm , fixed
Sheath color		violet (similar to RAL 4001)
Number of cores		2
Core cross section		0.25 mm <sup>2</sup>
Cores color		Core 2: green Core 4: red
Core construction		19 x 0.13 mm Ø
Shield		tinned copper braiding, 85 % coverage
Length	L	2 m
<b>Material</b>		
Halogen-free		yes
Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Seal		NBR
Contact surface		Ni/Au
Flammability		V-0
Cable		
Sheathing		PUR based on polyether
Core insulation		PP
Flammability		FT1





## 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

## Accessories

	<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