

Cable connector, shielded V15SB-G-15M-PUR-ABG

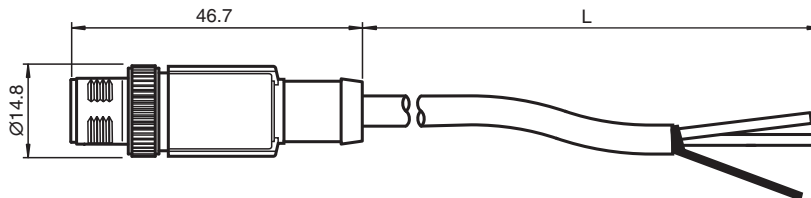


- Data transmission up to 12 Mbaud
- Halogen-free
- Shield connected to screw connection
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

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)

Release date: 2023-08-30 Date of issue: 2023-08-30 Filename: 219109_eng.pdf

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

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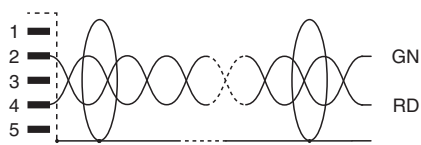
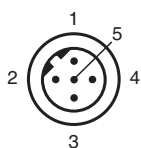
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PEPPERL+FUCHS

Technical Data

Pollution degree	3	
Mechanical specifications		
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		according to IEC/EN 60228 (DIN VDE 0295) class 5
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 mm²	
Cores color		Core 2: green Core 4: red
Core construction	19 x 0.13 mm Ø	
Shield		tinned copper braiding, 85 % coverage
Length	L	15 m
Material		
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

	MH V1-SCREWDRIVER	Torque screwdriver (0.6 Nm)
	MH V1-BIT M12	plug-in cap M12
	V1/V3-LABELHOLDER	Label holder

Accessories

	V1/V3-LABEL	Label plate
	MH V1-Holder	Modular universal holder for M12 connectors
	V1-CLIP	Unlocking protector for M12 connector
	V1-MARKING-RING-COLOR	Marking rings for M12 connectors, various colors

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