

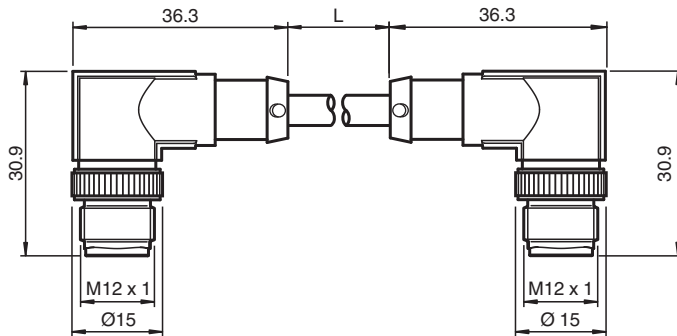
Connection cable, Ethernet V1SD-W-20M-PUR-ABG-V1SD-W

- Hard-wearing PUR cable
- Industrial Ethernet
- D coding for Ethernet
- CAT5/CAT5e cable
- Free of paint wetting interfering substances
- Halogen-free
- Screw connection suitable for tool assembly
- Immunity to vibration, with mechanical latching

Ethernet bus cable M12 plug angled to M12 plug angled D-coded, 4-pin, PUR cable blue, Cat5e, shielded



Dimensions



Technical Data

General specifications

Connector 1		
Connection		plug
Construction type		M12
Style		angled
Locking		screw connection
Number of pins		4
Coding		D-coded
Connector 2		
Connection		plug
Construction type		M12
Style		angled
Locking		screw connection
Number of pins		4
Coding		D-coded

Electrical specifications

Operating voltage	U_B	max. 48 V AC / 60 V DC
Operating current	I_B	max. 1 A

Conformity

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

Release date: 2023-07-12 Date of issue: 2023-07-13 Filename: 70101611_eng.pdf

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

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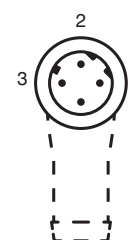
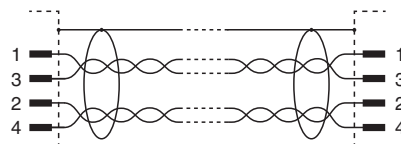
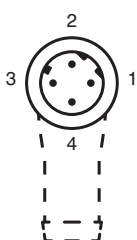
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 **PEPPERL+FUCHS**

Technical Data

Component category	CAT5 (IEC 11801) , CAT5e (IEC 61156-6)	
Flammability	IEC 60332-1-2 / UL 2556	
Halogen-free	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	-20 ... 80 °C (-4 ... 176 °F)	
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	
Cable		
Sheath diameter	6.4 mm	
Bending radius	> 8 x cable diameter, moving > 4 x cable diameter, fixed	
Sheath color	water blue (RAL 5021)	
Number of cores	4	
Core cross section	0.14 mm ²	
Cores color	Core 1: white/orange Core 2: white/green Core 3: orange Core 4: green	
Core construction	7 x 0.16 mm Ø twisted pairs	
Shield	aluminum-lined polyester foil Tinned copper braiding, 70 % coverage	
Length	L	20 m
Material		
PWIS free	yes	
Halogen-free	yes	
Plug connector		
Screw connection	Zinc diecast, nickel-plated	
Body	TPU, black	
Contact surface	Ni/Au	
Flammability	V-2	
Cable		
Sheathing	PUR	
Core insulation	PE	
Flammability	VW-1	

Connection



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PF PEPPERL+FUCHS

Accessories

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