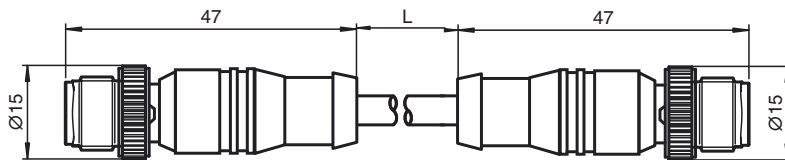


Connection cable

V1SD-G-GN0.5M-TPE-A1S-V1SD-G

- D coding for Ethernet
- CAT5/CAT5e cable
- Completely silicon free
- Shield attached to coupling nut
- Weld spatter resistant
- Sunlight resistant
- Oil resistant
- Suitable for drag chains and abrasion resistant
- Highly flexible

Ethernet bus cable, M12 to M12, D-coded, TPE cable 4-pin, CAT5e, shielded



Technical Data

General specifications

Number of pins	4
Connection 1	plug
Construction type 1	straight
Threading 1	M12
Connection 2	plug
Construction type 2	straight
Threading 2	M12

Electrical specifications

Operating voltage	U_B	max. 60 V DC max. 48 V AC
Operating current	I_B	max. 4 A
Volume resistance		$\leq 5 \text{ m}\Omega$

Compliance with standards and directives

Standard conformity	
Standards	CAT5 (IEC 11801:2002) , CAT5e (TIA 568B:2001)

Ambient conditions

Ambient temperature	-25 ... 90 °C (-13 ... 194 °F) cable, fixed: -40 ... 70 °C (-40 ... 158 °F) cable, flexing: -10 ... 50 °C (14 ... 122 °F)
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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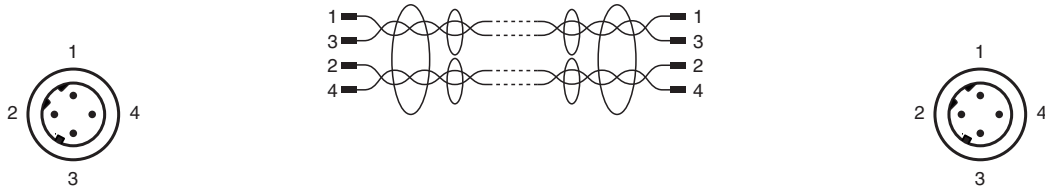
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PF PEPPERL+FUCHS

Technical Data

Pollution degree	3	
Mechanical specifications		
Degree of protection	IP65 / IP67/ IP69K	
Connection	2 x M12 x 1 connector, 4-pin, D-coded	
Material		
Contacts	CuSn	
Contact surface	Ni/Au	
Body	PVC, black	
Cable	TPE welding-bead resistant	
Slotted nut	brass nickel-plated	
Core insulation	Polyethylene (PE)	
Cable	2 pairs with 2 wires each with 2 fillers for the core	
Sheath diameter	6.6 mm	
Bending radius	> 34 mm	
Color	teal	
Number of cores	4	
Core cross-section	0.25 mm ²	
Conductor construction	7 x 0.32 mm Ø	
Shield	aluminum-lined polyester foil Tinned copper braiding, 75 % coverage	
Length	L	0.5 m
Drag chain suitability		
Drag chain cycles	≥ 1000000 @ 10 x cable OD, minimum radius ≥ 10000000 @ 20 x cable OD, minimum radius	

Connection Assignment



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