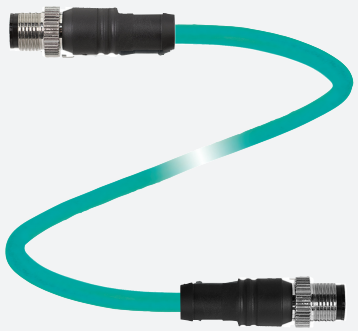
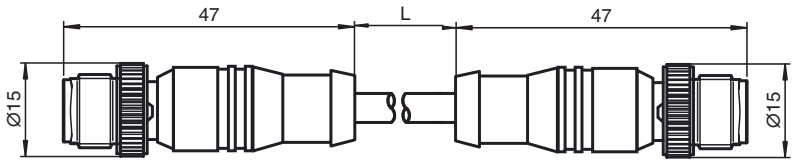


Connection cable

V1SD-G-GN3M-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
- 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		Male connector
Construction type 1		straight
Threading 1		M12
Connection 2		Male connector
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		≤ 5 mΩ
Compliance with standards and directives		
Standard conformity		
Standards		CAT5 (IEC 11801:2002) , CAT5e (TIA 568B:2001)
Ambient conditions		

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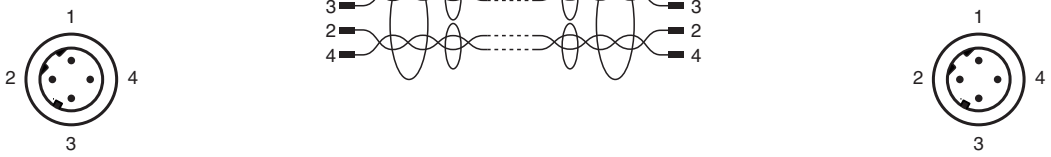
Ambient temperature		-25 ... 90 °C (-13 ... 194 °F) cable, fixed: -40 ... 70 °C (-40 ... 158 °F) cable, flexing: -10 ... 50 °C (14 ... 122 °F)
Pollution degree		3
Mechanical specifications		
Degree of protection		IP65 / IP67/ IP69K
Connection		2 x M12 x 1 connector, 4-pin, D-coded
Material		
Contacts		CuSn
Contact surface		Ni/Au
Body		PVC, black
Cable		TPE resistant to welding bead formation
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 mm²
Conductor construction		7 x 0.32 mm Ø
Shield		aluminum-lined polyester foil Tinned copper braiding, 75 % coverage
Length	L	3 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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