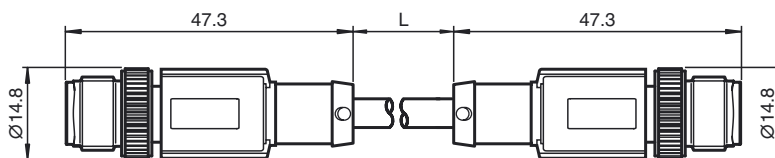


Dimensions



Model Number

V1SD-G-10M-PUR-ABG-V1SD-G

Ethernet bus cable, M12 to M12, PUR cable 4-pin, CAT5e

Features

- D coding for Ethernet
- Hard-wearing PUR cable
- CAT5/CAT5e cable

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
Test voltage		1000 V
Operating current		max. 4 A
Volume resistance		$\leq 5 \text{ m}\Omega$

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)
Pollution Degree	3

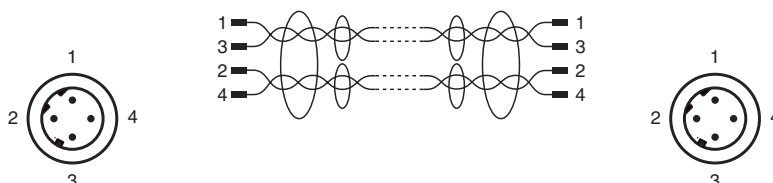
Mechanical specifications

Protection degree	IP65 / IP67/ IP69K	
Connection	2 x M12 x 1 connector, 4-pin, D-coded	
Material		
Contacts	CuSn	
Contact surface	Ni/Au	
Body	TPU, black	
Cable	PUR	
Slotted nut	Zinc die-casting, nickel-plated	
Core insulation	PE	
Cable	2 pairs with 2 wires each with 2 fillers for the core	
Sheath diameter	6.7 mm	
Bending radius	> 34 mm	
Color	water blue (RAL 5021)	
Cores	4 x 0.14 mm ² / 26 AWG	
Conductor construction	7 x 0.15 mm Ø	
Shield	Aluminum-lined polyester foil Tinned copper braiding, 65 % coverage	
Length	L	10 m

Compliance with standards and directives

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

Electrical connection



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