

Model Number

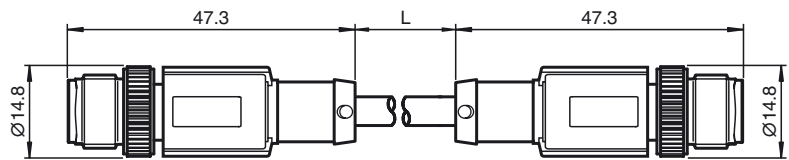
V1SD-G-2M-PUR-ABG-V1SD-G

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

Features

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

Dimensions



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		$\leq 5 \text{ m}\Omega$

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

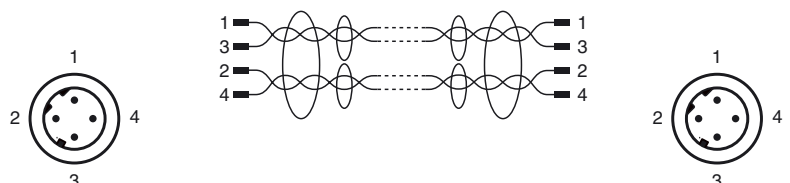
Mechanical specifications

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	TPU, black / PA
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)
Number of cores	4
Core cross-section	0.14 mm ²
Conductor construction	7 x 0.15 mm Ø
Shield	Aluminum-lined polyester foil Tinned copper braiding, 65 % coverage
Length	L 2 m

Compliance with standards and directives

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

Electrical connection



Release date: 2018-06-27 13:19 Date of issue: 2018-06-27 209752_eng.xml