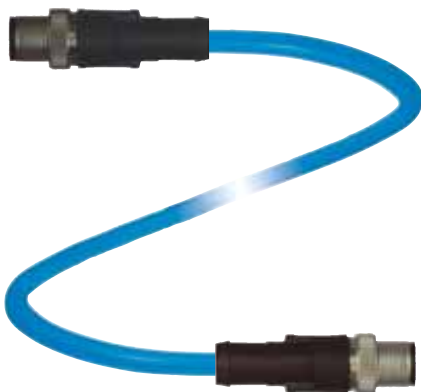




Model Number

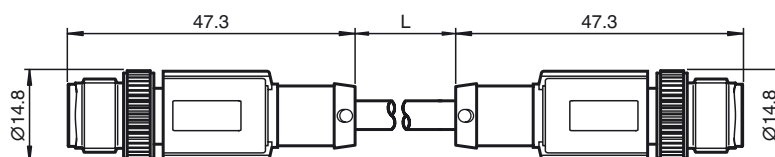
V1SD-G-2M-PUR-ABG-V1SD-G

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

Features

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

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
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

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	2 m

Compliance with standards and directives

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

Electrical connection

