

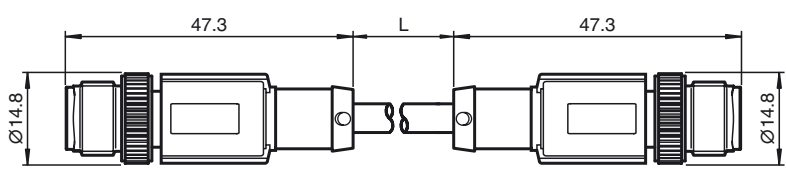
**Model Number**

**V1SD-G-5M-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

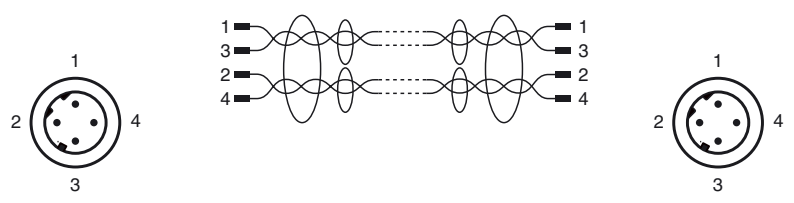
**Dimensions**



**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 <sup>2</sup>
Conductor construction		7 x 0.15 mm Ø
Shield		Aluminum-lined polyester foil Tinned copper braiding, 65 % coverage
Length	L	5 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 209753\_eng.xml