



### Model Number

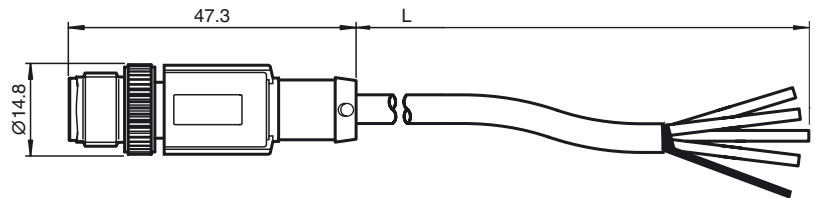
**V1SD-G-10M-PUR-ABG**

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

### Features

- D coding for Ethernet
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut
- 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	cabl e end

#### Electrical specifications

Operating voltage	$U_B$	max. 60 V
Operating current	$I_B$	max. 4 A
Volume resistance		$\leq 5 \text{ m}\Omega$

#### Ambient conditions

Ambient temperature	Body: -25 ... 90 °C (-13 ... 194 °F) cable, fixed: -40 ... 70 °C (-40 ... 158 °F) cable, flexing: -10 ... 50 °C (14 ... 122 °F)
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#### Mechanical specifications

Degree of protection	IP65 / IP67/ IP69K
Connection	M12 x 1 connector, 4-pin, D-coded
Material	
Contacts	CuZn
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	> 5 x cable diameter, moving
Color	water blue (RAL 5021)
Cores	2 x 2 x 0.14 mm <sup>2</sup> / 26 AWG
Conductor construction	7 x 0.15 mm Ø
Shield	Foil-laminated polyester film Copper mesh, tin-plated, 70% coverage
Length	L 10 m

#### Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000
Standards	CAT5 (IEC 11801:2002) , CAT5e (TIA 568B:2001) IEC 61076-2-101:2008
Flammability	IEC 60332-1-2:2004
Halogen-free	IEC 60754-1:2011

### Electrical connection

