

**Model Number**

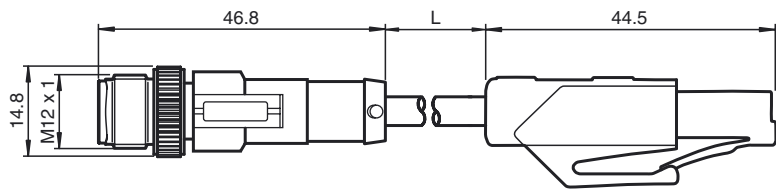
**V1SD-G-5M-PUR-ABG-V45-G**

Connection cable, M12 to RJ-45, 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	RJ-45

**Electrical specifications**

Operating voltage	U <sub>B</sub>	max. 125 V
Test voltage		1000 V
Volume resistance		150 mΩ/m

**Ambient conditions**

Ambient temperature	-20 ... 60 °C (-4 ... 140 °F) , stationary 0 ... 50 °C (32 ... 122 °F) , moving
---------------------	--

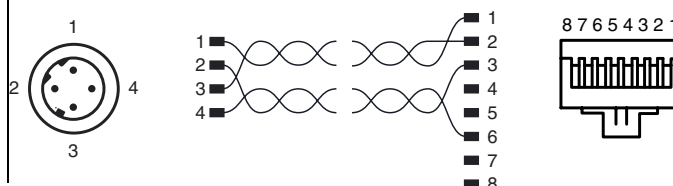
**Mechanical specifications**

Degree of protection	IP67 / IP20
Connection	M12 x 1 connector, 4-pin, D-coded RJ-45 Category 5 , up to 100 MHz
<b>Material</b>	
Body	TPU, black / PA
Cable	PUR
Core insulation	PE
<b>Cable</b>	
Cable	2 pairs with 2 wires each with 2 fillers for the core
Sheath diameter	6.7 mm
Bending radius	> 35 mm
Color	water blue (RAL 5021)
Cores	4 x 0.14 mm <sup>2</sup>
Conductor construction	7 x 0.15 mm Ø
Shield	Tinned copper braiding, 65 % coverage
Length	L 5 m

**Compliance with standards and directives**

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

**Electrical connection**



Release date: 2014-07-04 13:52 Date of issue: 2014-07-04 213292\_eng.xml

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".