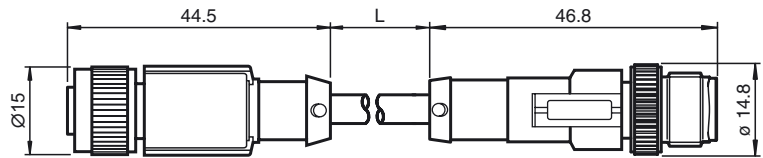


**Dimensions**



**Model Number**

**V15B-G-1M-PUR-ABG-V15B-G**

Bus cable PROFIBUS, M12 to M12, PUR cable

**Features**

- Shield attached to coupling nut
- Data transmission up to 12 Mbaud
- Identification sleeves
- Halogen-free

**Technical data**

**General specifications**

Number of pins	2 + shield
Transfer rate	max. 12 MBit/s
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	Male connector
Construction type 2	straight
Threading 2	M12

**Electrical specifications**

Operating voltage	U <sub>B</sub>	max. 250 V
Operating current		max. 4 A
Volume resistance		< 5 mΩ

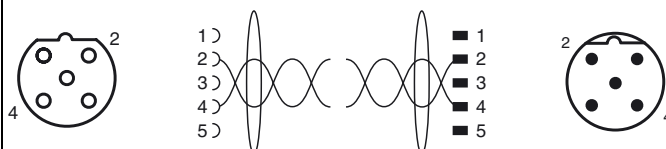
**Ambient conditions**

Ambient temperature	Cable, moving: -20 ... 80 °C (253 ... 353 K), Cable, fixed: -40 ... 80 °C (233 ... 353 K)
Pollution Degree	3

**Mechanical specifications**

Protection degree	IP65 / IP67/ IP69K
Connection	5-pin M12 connector, B-coded
Material	
Contacts	CuSn
Contact surface	Ni/Au
Body	TPU, black
Cable	PUR
Slotted nut	Zinc die-casting, nickel-plated
Sleeve connector	Zinc die-casting, nickel-plated
Seal	NBR
Core insulation	PE
Cable	2 cores with 2 fillers to the core
Sheath diameter	Ø 7.8 mm
Bending radius	> 10 x cable diameter, moving
Color	violet
Cores	2 x 0.25 mm <sup>2</sup>
Conductor construction	19 x 0.13 mm Ø
Shield	grid tin-plated copper wires, 80 % covering
Length	L 1 m

**Electrical connection**



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