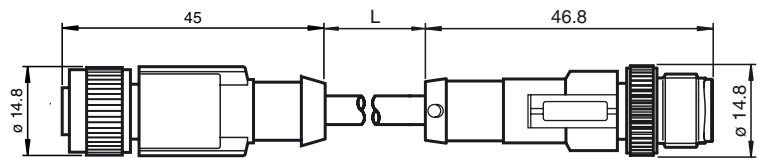




Dimensions



Model Number

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

Bus cable PROFIBUS, M12 to M12,
PUR cable

Features

- Screen put on the slotted nut
- Data transmission up to 12 Mbaud
- Identification sleeves
- Halogen-free

Technical data

General specifications

Number of poles	2 + shield
Transfer rate	max. 12 MBit/s
Connection 1	Connector, female
Construction type 1	straight
Threading 1	M12
Connection 2	Connector, male
Construction type 2	straight
Threading 2	M12

Electrical specifications

Operating voltage	U_B	max. 250 V
Operating current		max. 4 A
Volume resistance		< 5 m Ω

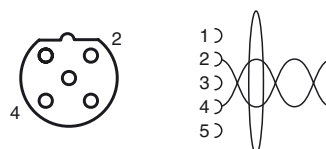
Ambient conditions

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

Mechanical specifications

Protection degree	IP65 / IP67/ IP69K	
Connection	5-pin M12 connector, B-coded	
Material		
Contacts	CuSn	
Contact surface	Ni/Au	
Handle	TPU, black	
Cable	PUR	
Slotted nut	Zinc die-casting, nickel-plated	
(Cap??-translator) connector	Zinc die-casting, nickel-plated	
Seal	NBR	
Core isolation	PE	
Cable	2 cores with 2 fillers to the core	
Sheath diameter	Ø 7.8 mm	
Bend radius	> 10 x conductor diameter, appropriate for conveyor chains	
Colour	violet	
Cores	2 x 0.25 mm ²	
Conductor construction	19 x 0.13 mm Ø	
Shield	Braid tin-plated copper wires, 80 % covering	
Length	L	1 m

Electrical connection 1



Electrical connection 2

