



Model Number

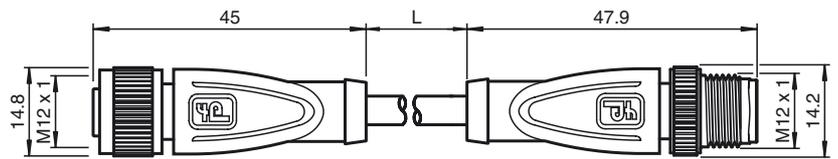
V15B-G-2M-PUR-ABG-V15-G

Connecting cable, M12 to M12, PUR cable 5-pin, shielded

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Halogen-free
- Suitable for 2-, 3- and 4-wire technology

Dimensions



Technical data

General specifications

Number of pins	5 + shield
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_B	max. 60 V DC
Operating current	I_B	max. 4 A
Volume resistance		< 5 mΩ

Ambient conditions

Ambient temperature	Body: -25 ... 100 °C (-13 ... 212 °F) cable, fixed: -30 ... 80 °C (-22 ... 176 °F) cable, flexing: -15 ... 80 °C (5 ... 176 °F)
Pollution degree	3

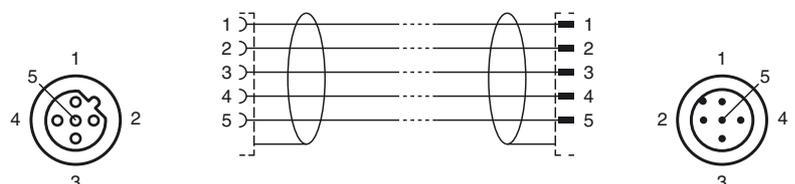
Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67 / IP68 / IP69k
Connection	M12 socket, 5-pin, B-coded 5-pin M12 socket

Material

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø 4.8 mm
Bending radius	> 10 x cable diameter, moving 5 x cable diameter, single bend
Color	grey
Number of cores	5
Core cross-section	0.34 mm ²
Conductor construction	19 x 0.15 mm Ø
Shield	grid covering 85 %
Length	L 1 m
Flammability	
Contact carrier	94 V-2
Housing	94 V-2

Electrical connection



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