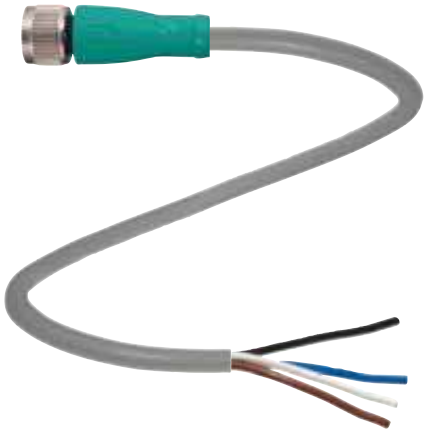


Model Number

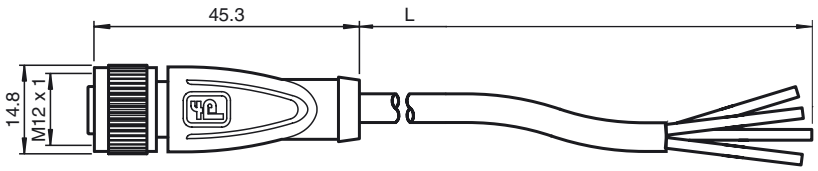
V1-G-10M-PVC

Cable socket, M12, 4-pin, PVC cable

Features

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

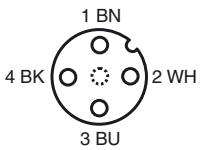
Dimensions



Technical data

General specifications		
Number of poles		4
Connection 1		Connector, female
Construction type 1		straight
Threading 1		M12
Connection 2		free cable end
Electrical specifications		
Operating voltage	U_B	max. 300 V DC
Test voltage		> 1500 V_{eff} AC
Operating current		max. 4 A
Volume resistance		< 5 mΩ
Ambient conditions		
Ambient temperature		-25 ... 100 °C (248 ... 373 K) for temperatures over 80 °C (353 K) reduced elongation at tear
Degree of soiling		3
Mechanical specifications		
Contact elements		spring-loaded contact socket
pin diameter		1 mm
Protection degree		IP67 / IP68 / IP69K
Material		
Contacts		CuSn / Au
Contact surface		Au
Handle		TPU, green
Cable		PVC
Slotted nut		diecast zinc
Core isolation		PVC
Cable		fine-strand, flexible
Sheath diameter		Ø4.8 mm
Bend radius		> 10 x conductor diameter, appropriate for conveyor chains
Colour		grey
Cores		4 x 0.34 mm^2
Conductor construction		19 x 0.15 mm Ø
Length	L	10 m
Flammability		
Contact material		94 V-2
Housing		94 V-2
Wire		flame-resistant

Electrical connection 1



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