



Model Number

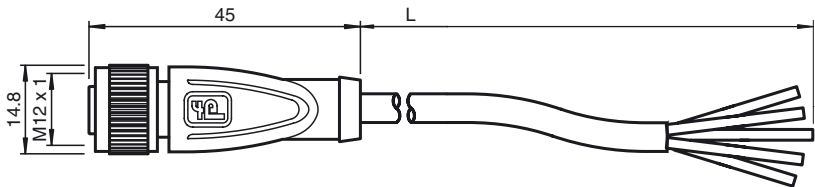
V15-G-2M-PVC

Female cordset, M12, 5-pin, PVC cable

Features

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

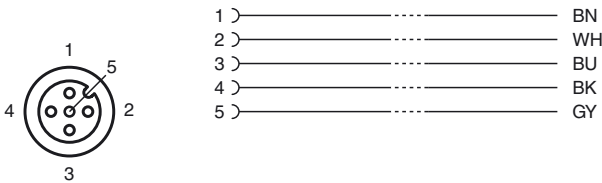
Dimensions



Technical data

General specifications		
Number of pins		5
Connection 1		socket
Construction type 1		straight
Threading 1		M12
Connection 2		cable end
Electrical specifications		
Operating voltage	U _B	max. 48 V AC / 60 V DC
Operating current	I _B	max. 4 A
Volume resistance		< 5 mΩ
Ambient conditions		
Ambient temperature		Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -25 ... 70 °C (-13 ... 158 °F) cable, flexing: -5 ... 70 °C (23 ... 158 °F)
Pollution degree		3
Mechanical specifications		
Contact elements		spring-loaded contact socket
Pin diameter		1 mm
Degree of protection		IP67 / IP68 / IP69k
Material		
Contacts		CuSn / Au
Contact surface		Au
Body		TPU, black
Cable		PVC
Slotted nut		Diecast zinc
Core insulation		PVC
Cable		fine-strand, flexible
Sheath diameter		Ø 4.8 mm
Bending radius		> 10 x cable diameter, moving
Color		grey
Number of cores		5
Core cross-section		0.34 mm ²
Conductor construction		19 x 0.15 mm Ø
Length	L	2 m
Flammability		
Contact carrier		94 HB
Housing		94 V-2
Compliance with standards and directives		
Standard conformity		
Degree of protection		EN 60529:2000
Standards		IEC 61076-2-101:2008 with test voltage 500 V _{DC}
Flammability		Grip: UL 94
Specification		connector M12 x 1 : IEC 61076-2-101

Electrical connection



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Accessories

MH V1-BIT M12

plug-in cap M12

MH V1-BIT M12-W14-HEX

Plug-in attachment for M12 with hex stainless steel knurled nut

MH V1-Holder

Modular universal holder for M12 connectors

MH V1-SCREWDRIVER

torque screwdriver (0.6 Nm)

MH V1-SCREWDRIVER

torque screwdriver (0.4 Nm)

V1/V3-LABEL

Label plate

V1/V3-LABELHOLDER

Label holder

V1-MARKING-RING-BLUE

Marking ring for M12 plug

V1-MARKING-RING-GREEN

Marking ring for M12 plug

V1-MARKING-RING-ORANGE

Marking ring for M12 plug

V1-MARKING-RING-RED

Marking ring for M12 plug

V1-MARKING-RING-WHITE

Marking ring for M12 plug

V1-MARKING-RING-YELLOW

Marking ring for M12 plug

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