



Model Number

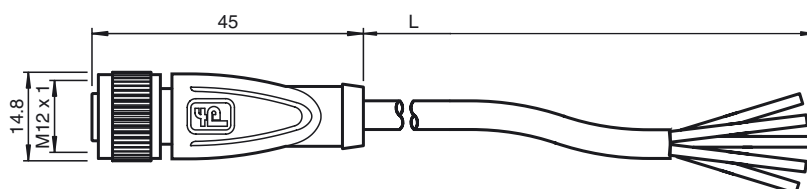
V15-G-2M-PVC

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 m Ω

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

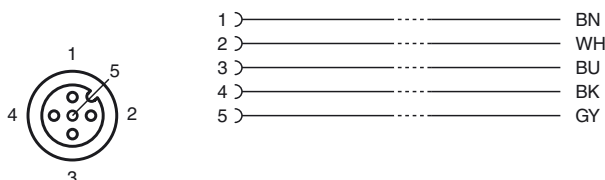
Mechanical specifications

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
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





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".