



### Model Number

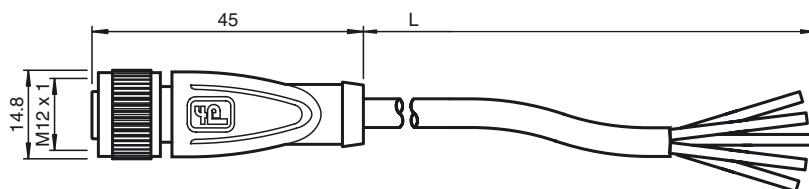
#### V15-G-2M-PVC

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 $\Omega$

#### 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

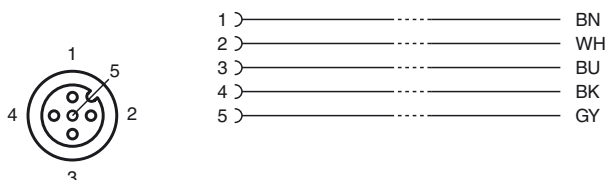
#### Mechanical specifications

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 <sup>2</sup>
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 <sub>DC</sub>
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



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