



Model Number

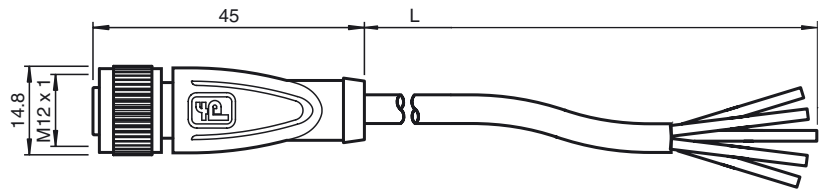
V15-G-5M-PUR

Female cordset, M12, 5-pin, PUR cable

Features

- Immunity to vibration, with mechanical latching
- Knurled nut suitable for tool assembly
- 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
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: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -30 ... 80 °C (-22 ... 176 °F)
Pollution degree	3

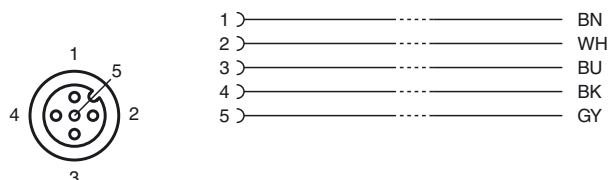
Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67 / IP68 / IP69k
Cable code	Li 9Y 11YM 5 x 0.34
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø 4.8 mm
Bending radius	> 10 x cable diameter, moving > 8 x cable diameter, flexible
Color	grey
Number of cores	5
Core cross-section	0.34 mm ²
Conductor construction	19 x 0.15 mm Ø
Length	L 5 m
Flammability	
Contact carrier	HB
Housing	V-2

Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000
Flammability	Grip: UL 94

Electrical connection



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

Specification

connector M12 x 1 : IEC 61076-2-101

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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