



Model Number

V19-G-5M-PVC-TP

Female cordset, M12, 8-pin, shielded, PVC cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shielded twisted pair
- Shield attached to coupling nut

Accessories

V1-MARKING-RING-BLUE

V1-MARKING-RING-GREEN

V1-MARKING-RING-ORANGE

V1-MARKING-RING-RED

V1-MARKING-RING-WHITE

V1-MARKING-RING-YELLOW

MH V1-SCREWDRIVER
torque screwdriver (0.6 Nm)

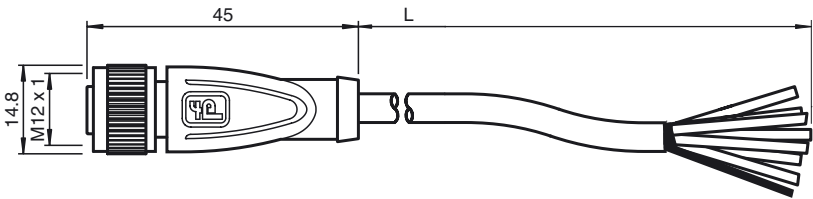
MH V1-BIT M12
plug-in cap M12

MH V1-Holder

V1/V3-LABELHOLDER
Label holder

V1/V3-LABEL
Label plate

Dimensions



Technical data

General specifications

Number of pins	8 + shield
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

Electrical specifications

Operating voltage	U _B	max. 30 V DC
Operating current	I _B	max. 2 A
Volume resistance		< 5 mΩ
Characteristic impedance		100 Ω ± 15 Ω (> 1 MHz)

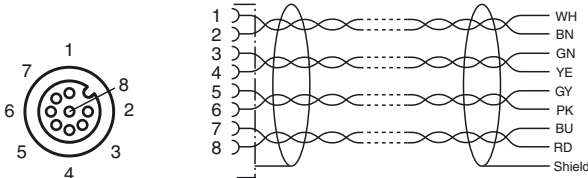
Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
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Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	0,8 mm
Degree of protection	IP67
Material	
Contacts	CuZn / Au
Contact surface	Au
Body	TPU, black
Cable	PVC
Slotted nut	Diecast zinc
Core insulation	PVC
Cable	fine-strand, flexible
Sheath diameter	Ø 6.2 mm
Bending radius	> 15 x cable diameter, moving > 6 x cable diameter, fixed
Color	grey
Cores	4 x 2 x 0.14 mm ²
Shield	grid
Length	L 5 m

Electrical connection



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

Pepperl+Fuchs Group
www.pepperl-fuchs.com

USA: +1 330 486 0001
fa-info@us.pepperl-fuchs.com

Germany: +49 621 776 4411
fa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091
fa-info@sg.pepperl-fuchs.com