



### Model Number

#### V19-G-10M-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)

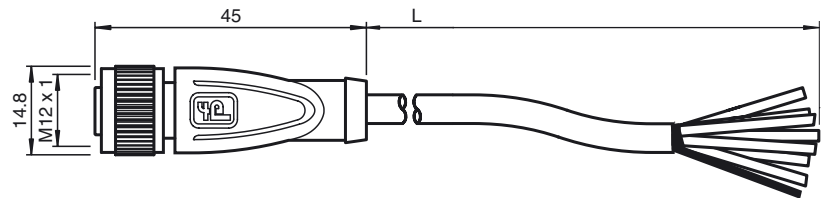
**MH V1-BIT M12**  
plug-in cap M12

**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 m $\Omega$
Characteristic impedance		100 $\Omega$ $\pm$ 15 $\Omega$ (> 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	$\varnothing$ 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 <sup>2</sup>
Shield	grid
Length	L 10 m

### Electrical connection

