



Model Number

V19-G-2M-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

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

V1-MARKING-RING-BLUE

V1-MARKING-RING-GREEN

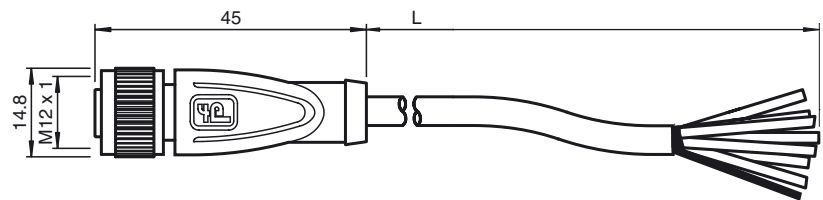
V1-MARKING-RING-ORANGE

V1-MARKING-RING-RED

V1-MARKING-RING-WHITE

V1-MARKING-RING-YELLOW

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	2 m

Electrical connection

