



### Model Number

#### V112-G-10M-PVC

Single-ended female cordset, M12, 12-pin, PVC cable

### Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

### Accessories

#### MH V1-SCREWDRIVER

torque screwdriver (0.6 Nm)

#### MH V1-BIT M12

plug-in cap M12

#### V1/V3-LABELHOLDER

Label holder

#### V1/V3-LABEL

Label plate

#### MH V1-Holder

Modular universal holder for M12 connectors

#### V1-CLIP

Unlocking protector for M12 connector

#### 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

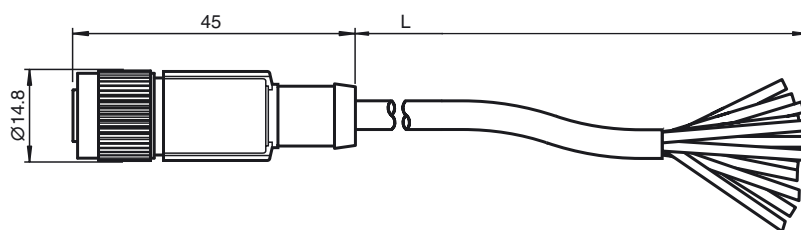
#### V1-MARKING-RING-WHITE

Marking ring for M12 plug

#### V1-MARKING-RING-YELLOW

Marking ring for M12 plug

### Dimensions



### Technical data

#### General specifications

Number of pins	12
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

#### Electrical specifications

Operating voltage	$U_B$	30 V
Operating current	$I_B$	1.5 A
Surge protection		category II

#### Ambient conditions

Ambient temperature	-25 ... 90 °C (-13 ... 194 °F) (Grip)
Pollution degree	3

#### Mechanical specifications

Degree of protection	IP65/IP67/IP68	
Material		
Contacts	CuZn	
Contact surface	Ni/Au	
Body	TPU, green	
Cable	PVC	
Slotted nut	Zinc die-casting, nickel-plated	
Seal	NBR	
Cable	fine-strand, flexible	
Sheath diameter	Ø 7.2 mm	
Core diameter	including insulation 1 mm ± 0.05 mm (signal line)	
Color	black	
Number of cores	12	
Core cross-section	0.14 mm <sup>2</sup>	
Conductor construction	18 x 0.1 mm	
Length	L	10 m
Flammability	HB in accordance with UL 94	

#### Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008

### Electrical connection

