



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

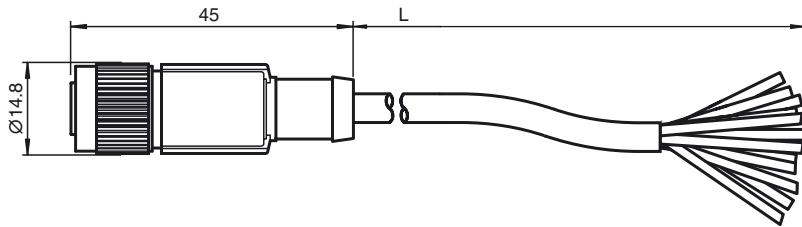
V1-MARKING-RING-WHITE

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

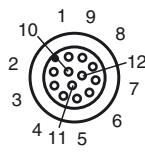
Mechanical specifications

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 ²
Conductor construction	18 x 0.1 mm
Length	L
Flammability	HB in accordance with UL 94

Compliance with standards and directives

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

Electrical connection



1	BN
2	BU
3	WH
4	GN
5	PK
6	YE
7	BK
8	GY
9	RD
10	VT
11	GYPK
12	RDBU