

# Female cordset

## V112-G-10M-PVC

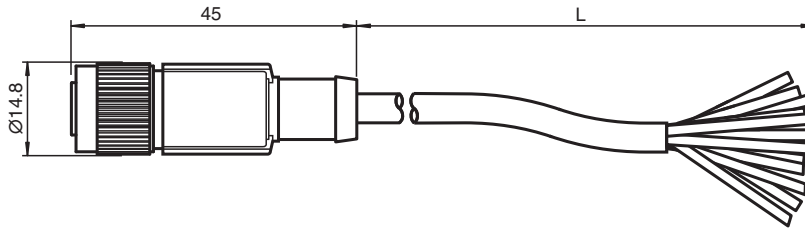


- Degree of protection IP67 / IP68 / IP69
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Female cordset single-ended M12 straight A-coded, 12-pin, PVC cable black



### Dimensions



### Technical Data

#### General specifications

Customization	Stripped length 50 mm , wire end ferrule	
Connector 1		
Connection	socket	
Construction type	M12	
Style	straight	
Locking	screw connection	
Number of pins	12	
Coding	A-coded	
Connector 2		
Connection	cable end	

#### Electrical specifications

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

#### Conformity

Degree of protection	EN 60529
Plug connection	connector M12 x 1 : IEC 61076-2-101

#### Ambient conditions

Ambient temperature	
Plug connector	-28 ... 90 °C (-18.4 ... 194 °F)
Cable, fixed	-28 ... 90 °C (-18.4 ... 194 °F)
Pollution degree	3

#### Mechanical specifications

Release date: 2023-08-30 Date of issue: 2023-08-30 Filename: 70104466\_eng.pdf

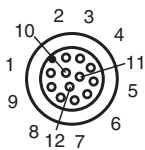
## Technical Data

Plug connector		
Tightening torque		0.4 Nm
Tool installation		straight knurling
Mating cycles		min. 100
Degree of protection		IP65/IP67/IP68
Cable		
Sheath diameter		7.2 mm
Bending radius		54 mm
Sheath color		black (similar to RAL 9005)
Number of cores		12
Core cross section		0.14 mm <sup>2</sup>
Coors color		Core 1: brown Core 2: blue Core 3: white Core 4: green Core 5: pink Core 6: yellow Core 7: black Core 8: grey Core 9: red Core 10: violet Core 11: grey/pink Core 12: red/blue
Core construction		18 x 0.1 mm
Length	L	10 m

## Material




Plug connector		
Screw connection		Zinc diecast, nickel-plated
Body		TPU, black
Seal		NBR
Contact surface		Ni/Au
Flammability		HB
Cable		
Sheathing		PVC
Core insulation		PVC
Flammability		flame-resistant

## 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

## Accessories

	<b>MH V1-SCREWDRIVER</b>	Torque screwdriver (0.6 Nm)
	<b>MH V1-BIT M12</b>	plug-in cap M12
	<b>V1/V3-LABELHOLDER</b>	Label holder

**Accessories**

	<b>V1/V3-LABEL</b>	Label plate
	<b>MH V1-Holder</b>	Modular universal holder for M12 connectors
	<b>V1-CLIP</b>	Unlocking protector for M12 connector
	<b>V1-MARKING-RING-COLOR</b>	Marking rings for M12 connectors, various colors