

Female cordset

V112-G-10M-PVC

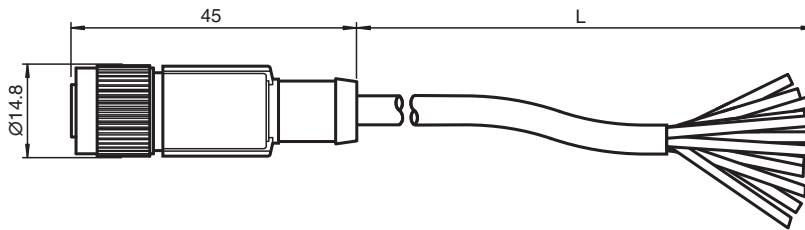


- Degree of protection IP67 / IP68 / IP69
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

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

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

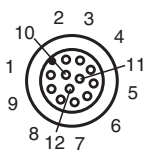
Technical Data

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 ²
Cores 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

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

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Accessories

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