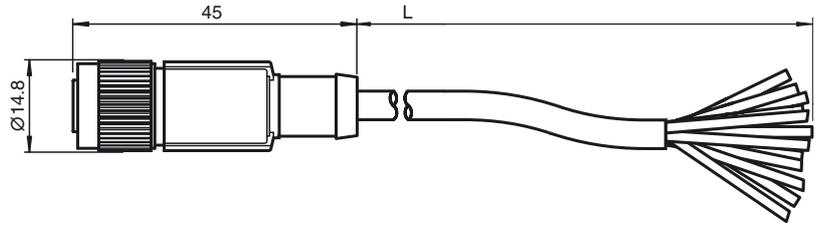




Dimensions



Model Number

V112-G-BK10M-PUR

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

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Suitable for drag chains
- Resistant to microbes and hydrolysis
- Halogen-free

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 ... 85 °C (-13 ... 185 °F) cable, flexing: -5 ... 80 °C (23 ... 176 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F)
Pollution degree	3

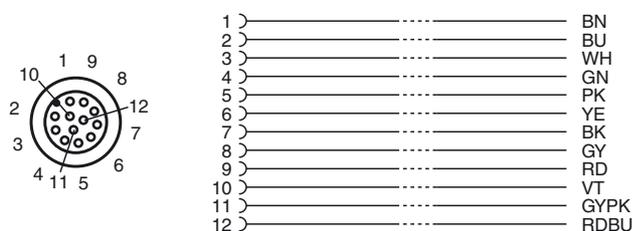
Mechanical specifications

Degree of protection	IP68
Material	
Contacts	CuZn
Contact surface	Ni/Au
Body	TPU, green
Cable	PUR
Slotted nut	Zinc die-casting, nickel-plated
Seal	NBR
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø 7.2 mm
Core diameter	including insulation 1 mm ± 0.05 mm (signal line)
Bending radius	54 mm
Color	black
Number of cores	12
Core cross-section	0.14 mm ²
Conductor construction	18 x 0.1 mm
Length	L 10 m
Drag chain suitability	
Drag chain cycles	≥ 4000000
Motion velocity	≤ 3 m/s
Traverse distance	10 m
Acceleration	≤ 10 m/s ²

Compliance with standards and directives

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

Electrical connection



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



Chemical resistance

DIN VDE 0472 T.803, test type B