



Model Number

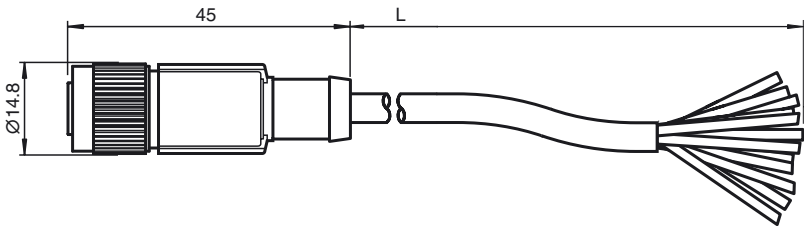
V112-G-BK5M-PUR

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

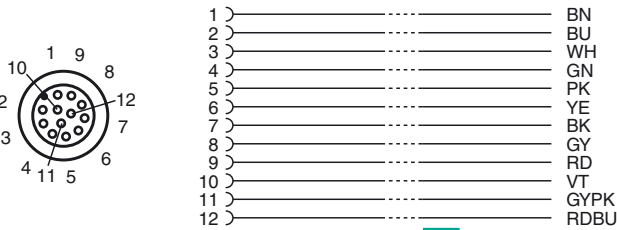
Dimensions



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 ... 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	5 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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Chemical resistance

DIN VDE 0472 T.803, test type B

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