



Model Number

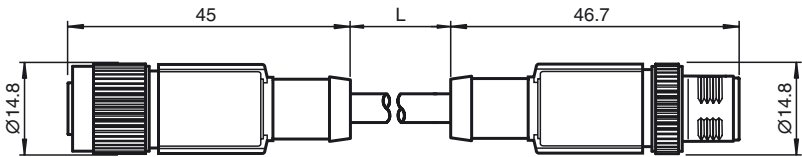
V112-G-BK5M-PUR-V112-G

Cordset, M12 to M12, PUR cable, 12-pin

Features

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

Dimensions



Technical data

General specifications

Number of pins 12

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

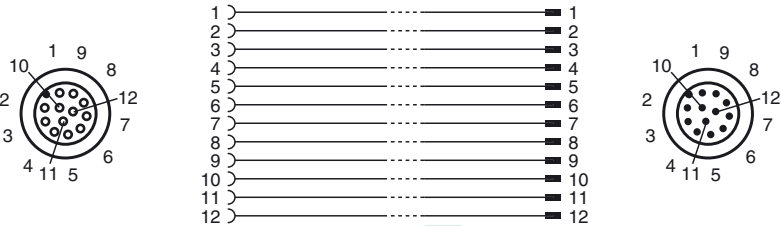
Cable extra-fine wire, flexible

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 mm²
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/s²

Compliance with standards and directives

Standard conformity
Degree of protection EN 60529:2000
Standards IEC 61076-2-101:2008
Chemical resistance DIN VDE 0472 T.803, test type B

Electrical connection



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

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