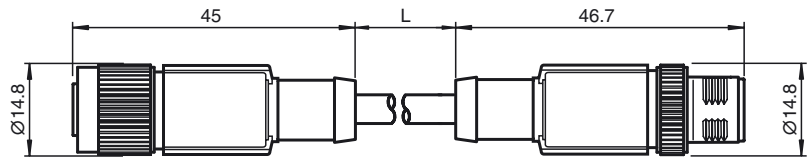




Dimensions



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

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

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

