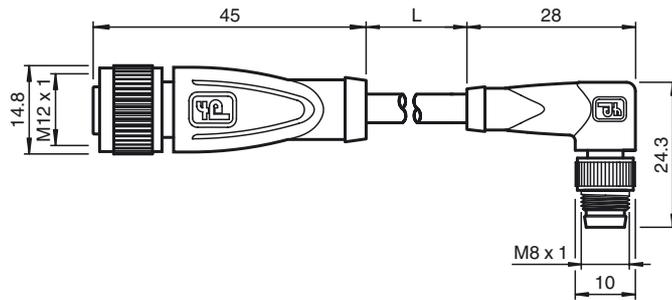




Dimensions



Model Number

V1-G-1M-PUR-V31-WM

Connection cable, M12 to M8, PUR cable, 4-pin

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Resistant to microbes and hydrolysis
- Halogen-free

Technical data

General specifications

Number of pins 4

Electrical specifications

Operating voltage U_B max. 30 V DC
 Test voltage > 1500 V_{eff} AC
 Operating current I_B max. 3 A
 Volume resistance < 5 mΩ

Ambient conditions

Ambient temperature -40 ... 90 °C (-40 ... 194 °F)
 cable, fixed: -40 ... 80 °C (-40 ... 176 °F)
 cable, flexing: -20 ... 80 °C (-4 ... 176 °F)

Pollution degree 3

Mechanical specifications

Contact elements spring-loaded contact socket

Pin diameter 1 mm

Degree of protection IP67

Material

Contacts CuSn / Au

Contact surface Au

Body TPU, green

Cable PUR

Slotted nut Diecast zinc

Sleeve connector Diecast zinc

Core insulation PP

Cable fine-strand, flexible

Sheath diameter Ø 4.3 mm

Bending radius > 15 x cable diameter, moving
 > 8 x cable diameter, fixed

Color grey

Cores 4 x 0.25 mm²

Conductor construction 14 x 0.15 mm Ø

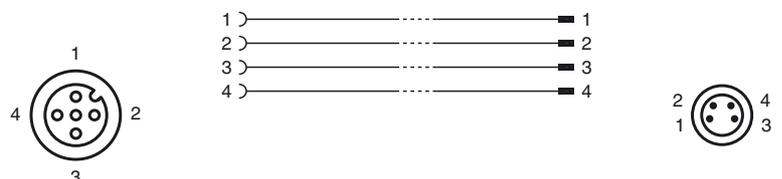
Length L 1 m

Flammability

Contact carrier 94 HB

Housing 94 V-2

Electrical connection



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

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