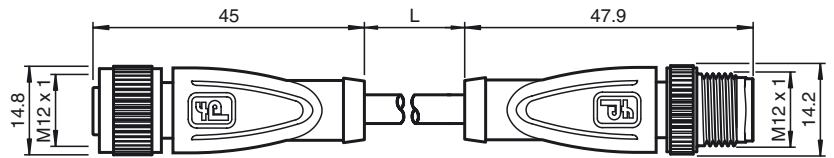




Dimensions



Model Number

V1-G-1M-PUR-V1-G-Y301705

Connecting cable, M12 to M12, PUR cable 3-pin

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Halogen-free

Technical data

General specifications

Number of pins 4

Electrical specifications

Operating voltage U_B max. 250 V AC/DC
 Operating current I_B max. 4 A
 Volume resistance $< 5 \text{ m}\Omega$

Ambient conditions

Ambient temperature Body: -40 ... 90 °C (-40 ... 194 °F)
 cable, fixed: -40 ... 80 °C (-40 ... 176 °F)
 cable, flexing: -30 ... 80 °C (-22 ... 176 °F)

Pollution degree 3

Mechanical specifications

Contact elements spring-loaded contact socket
 Pin diameter 1 mm
 Degree of protection IP67 / IP68 / IP69k

Material

Contacts CuSn / Au
 Contact surface Au
 Body TPU, black
 Cable PUR
 Slotted nut Diecast zinc
 Sleeve connector Diecast zinc
 Core insulation PP

Cable fine-strand, flexible
 Sheath diameter $\varnothing 4.8 \text{ mm}$
 Bending radius $> 10 \times \text{cable diameter, moving}$
 Color grey
 Number of cores 3
 Core cross-section 0.34 mm^2
 Conductor construction $19 \times 0.15 \text{ mm } \varnothing$
 Length L 1 m

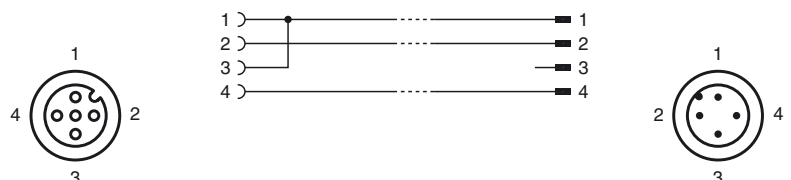
Flammability

Contact carrier 94 HB
 Housing 94 V-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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