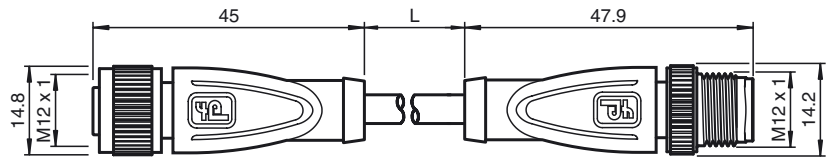




Dimensions



Model Number

V1-G-0,3M-PUR-ABG-V1-G

Connecting cable, M12 to M12, PUR cable 4-pin, shielded

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Halogen-free
- Suitable for 2-, 3- and 4-wire technology

Technical data

General specifications

Number of pins 4 + shield

Electrical specifications

Operating voltage U_B max. 250 V AC/DC
 Operating current I_B max. 4 A
 Volume resistance < 5 mΩ

Ambient conditions

Ambient temperature -40 ... 90 °C (-40 ... 194 °F)
 cable, flexing: -25 ... 80 °C (-13 ... 176 °F)
 cable, fixed: -25 ... 80 °C (-13 ... 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 Ø4.8 mm
 Bending radius > 10 x cable diameter, moving
 Color grey
 Number of cores 4
 Core cross-section 0.34 mm²
 Conductor construction 19 x 0.15 mm Ø
 Shield grid covering 85 %
 Length L 0.3 m

Flammability

Contact carrier HB
 Housing V-2

Compliance with standards and directives

Standard conformity
 Degree of protection EN 60529:2000
 Standards IEC 61076-2-101:2008
 Flammability Grip: UL 94

Electrical connection

