



Model Number

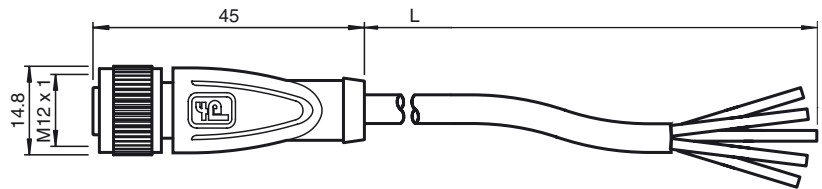
V15-G-0,5M-PUR

Female cordset, M12, 5-pin, PUR cable

Features

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

Dimensions



Technical data

General specifications

Number of pins 5

Electrical specifications

Operating voltage U_B max. 60 V AC/DC
 Operating current I_B max. 4 A
 Volume resistance $< 5 \text{ m}\Omega$

Ambient conditions

Ambient temperature Body: $-40 \dots 90 \text{ }^\circ\text{C}$ ($-40 \dots 194 \text{ }^\circ\text{F}$)
 cable, fixed: $-40 \dots 80 \text{ }^\circ\text{C}$ ($-40 \dots 176 \text{ }^\circ\text{F}$)
 cable, flexing: $-30 \dots 80 \text{ }^\circ\text{C}$ ($-22 \dots 176 \text{ }^\circ\text{F}$)
 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
 Core insulation PP
 Cable fine-strand, flexible
 Sheath diameter $\text{\O} 4.8 \text{ mm}$
 Bending radius $> 10 \text{ x cable diameter, moving}$
 $> 8 \text{ x cable diameter, flexible}$

Color grey
 Number of cores 5
 Core cross-section 0.34 mm^2
 Conductor construction $19 \text{ x } 0.15 \text{ mm } \text{\O}$
 Length L 0.5 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 with test voltage 500 V_{DC}
 Flammability Grip: UL 94

Electrical connection

