



Model Number

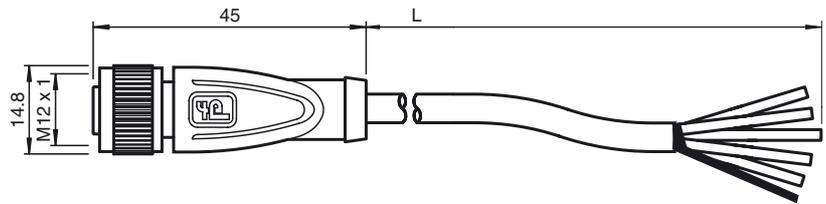
V15-G-15M-PUR-ABG

Female cordset, M12, 5-pin, shielded, PUR cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut
- Gold plated contacts
- Halogen-free

Dimensions



Technical data

General specifications

Number of pins 5 + shield

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, flexing: $-25 \dots 80 \text{ }^\circ\text{C}$ ($-13 \dots 176 \text{ }^\circ\text{F}$)
 cable, fixed: $-40 \dots 80 \text{ }^\circ\text{C}$ ($-40 \dots 176 \text{ }^\circ\text{F}$)

Pollution degree 3

Mechanical specifications

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

Material

Contacts CuSn / Au
 Contact surface Au
 Body TPU, black
 Cable PUR
 Slotted nut Diecast zinc
 Core insulation PP
 Cable extra-fine wire, flexible
 Sheath diameter $\text{\O} 4.8 \text{ mm}$
 Bending radius $> 10 \times$ cable diameter, moving
 $> 5 \times$ cable diameter, fixed

Color grey
 Cores $5 \times 0.34 \text{ mm}^2$
 Conductor construction $42 \times 0.1 \text{ mm } \text{\O}$
 Shield grid covering 85 %
 Length L 15 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

