



Model Number

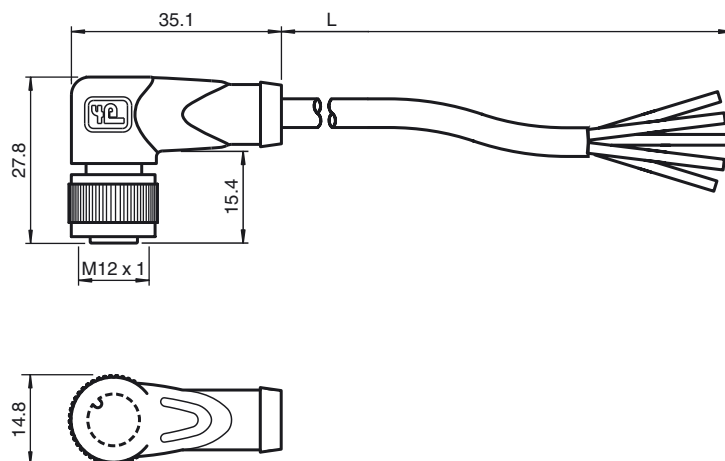
V15-W-50M-PUR

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 DC
 Operating current I_B max. 4 A
 Volume resistance $< 5 \text{ m}\Omega$

Ambient conditions

Ambient temperature $-25 \dots 100 \text{ }^\circ\text{C}$ ($-13 \dots 212 \text{ }^\circ\text{F}$)
 for temperatures over $80 \text{ }^\circ\text{C}$ ($176 \text{ }^\circ\text{F}$) reduced elongation at tear
 Pollution degree 3

Mechanical specifications

Contact elements spring-loaded contact socket
 Pin diameter 1 mm
 Degree of protection IP68 according to EN 60529 (in screwed state)

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 $\text{Ø} 4.8 \text{ mm}$
 Bending radius $> 10 \times$ cable diameter, moving
 $> 8 \times$ cable diameter, flexible

Color grey
 Number of cores 5
 Core cross-section 0.34 mm^2
 Conductor construction $19 \times 0.15 \text{ mm } \text{Ø}$
 Length L 50 m

Flammability

Contact carrier 94 V-2
 Housing 94 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

