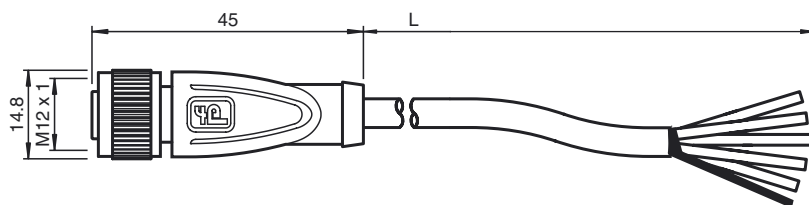




Dimensions



Model Number

V15B-G-15M-PVC-TP

Female single-ended cordset M12, B-coded, 5-pin, shielded, twisted

Features

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

Technical data

General specifications

Number of pins 5 + shield

Electrical specifications

Operating voltage U_B max. 125 V DC
 Operating current I_B max. 4 A
 Volume resistance $< 3 \text{ m}\Omega$

Ambient conditions

Ambient temperature cable, flexing: $-5 \dots 70 \text{ }^\circ\text{C}$ ($23 \dots 158 \text{ }^\circ\text{F}$)
 cable, fixed: $-30 \dots 80 \text{ }^\circ\text{C}$ ($-22 \dots 176 \text{ }^\circ\text{F}$)
 Pollution Degree 3

Mechanical specifications

Degree of protection IP67
 Connection 5-pin, M12 x 1 socket, B-coded

Material

Contacts CuSn
 Contact surface Au
 Body Zinc die-casting, nickel-plated
 Cable PVC
 Slotted nut Zinc die-casting, nickel-plated

Core insulation PVC
 Cable 4 pairs with 2 twisted strands each

Sheath diameter $\varnothing 6.2 \text{ mm}$
 Bending radius $> 15 \times$ cable diameter, induced
 $> 6 \times$ cable diameter, fixed

Color grey
 Cores $4 \times 2 \times 0.14 \text{ mm}^2$
 Shield grid
 Length L 15 m

Electrical connection

