



Model Number

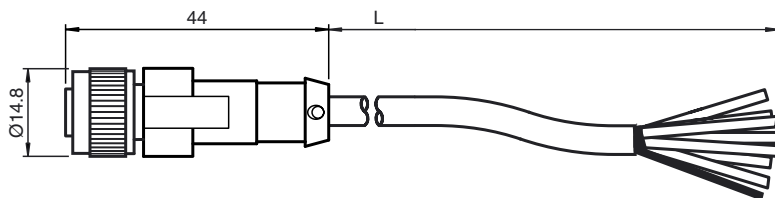
V17-G-10M-PVC-ABG

Female cordset, M12, 8-pin, shielded, PVC cable

Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut

Dimensions



Technical data

General specifications

Number of pins 8 + shield

Electrical specifications

Operating voltage U_B max. 30 V DC
 Operating current I_B max. 2 A
 Volume resistance $< 5 \text{ m}\Omega$

Ambient conditions

Ambient temperature cable, flexing: $-5 \dots 70 \text{ }^\circ\text{C}$ ($-238 \dots 343 \text{ K}$),
 cable, fixed: $-30 \dots 70 \text{ }^\circ\text{C}$ ($243 \dots 343 \text{ K}$)
 Connector: $-25 \text{ }^\circ\text{C}$ ($-13 \text{ }^\circ\text{F}$) $\leq 90 \text{ }^\circ\text{C}$ ($194 \text{ }^\circ\text{F}$)

Mechanical specifications

Degree of protection IP65
 Material
 Contacts CuSn / Au
 Contact surface Ni/Au
 Body TPU, green
 Cable PVC
 Slotted nut Zinc die-casting, nickel-plated
 Core insulation PVC
 Cable fine-strand, flexible
 Sheath diameter $\text{Ø } 7.5 \text{ mm}$
 Color black
 Cores $8 \times 0.34 \text{ mm}^2$
 Conductor construction $42 \times 0.1 \text{ mm } \text{Ø}$
 Shield grid
 Length L 10 m

Electrical connection

