



Model Number

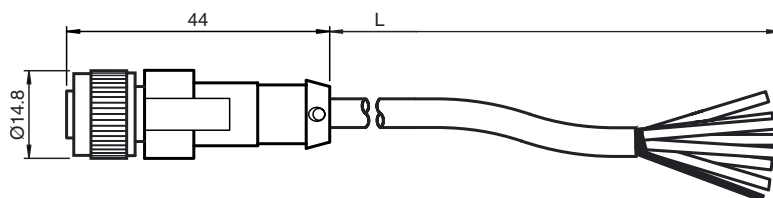
V19-G-10M-PUR-ABG

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

Features

- Shield attached to coupling nut
- Immunity to vibration, with mechanical latching
- Flame resistant cable
- Halogen-free
- Resistant to microbes and hydrolysis
- Suitable for drag chains

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 Body: -25 ... 90 °C (-13 ... 194 °F)
 cable, flexing: -25 ... 80 °C (-13 ... 176 °F)
 cable, fixed: -40 ... 80 °C (-40 ... 176 °F)

Pollution Degree 3

Mechanical specifications

Degree of protection IP65 / IP67/ IP69K

Material

Contacts CuZn
 Contact surface Ni/Au
 Body TPU, black
 Cable PUR
 Slotted nut CuZn, nickel-plated
 Core insulation PP
 Cable fine-strand, flexible
 Sheath diameter $\text{Ø}5.9 \text{ mm}$
 Bending radius $> 10 \times \text{cable diameter, moving}$
 Color black
 Cores $8 \times 0.25 \text{ mm}^2$
 Conductor construction $32 \times 0.1 \text{ mm } \text{Ø}$
 Shield grid covering 85 %

Length L 10 m

Drag chain suitability

Drag chain cycles ≥ 4000000
 Motion velocity $\leq 3 \text{ m/s}$
 Traverse distance 10 m
 Acceleration $\leq 10 \text{ m/s}^2$

Electrical connection

