

Model Number

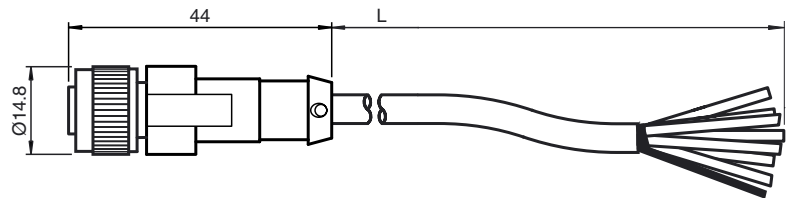
V19-G-20M-PUR-ABG

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 AC/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 IP67 / IP68 / 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 $> 10 \times$ cable diameter, moving

Color black

Cores $8 \times 0.25 \text{ mm}^2$

Conductor construction $32 \times 0.1 \text{ mm Ø}$

Shield grid covering 85 %

Length L 20 m

Drag chain suitability

Drag chain cycles ≥ 4000000

Motion velocity $\leq 3 \text{ m/s}$

Traverse distance 10 m

Acceleration $\leq 10 \text{ m/s}^2$

Flammability

Cable FT2

Approvals and certificates

UL approval cULus Listed

Electrical connection

