



Model Number

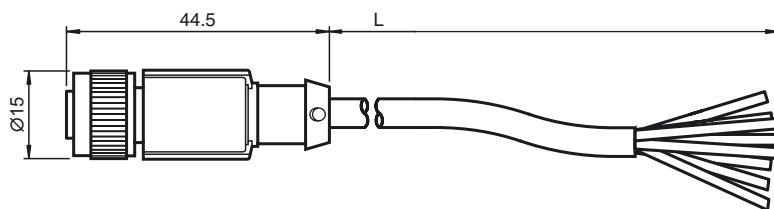
V19-G-BK2M-PUR-IEC

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

Features

- Color code according to IEC 60947-5-2
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Flame resistant cable
- Suitable for drag chains
- Resistant to microbes and hydrolysis
- Halogen-free

Dimensions



Technical data

General specifications

Number of pins 8

Electrical specifications

Operating voltage U_B max. 30 V DC
 Test voltage $> 1500 V_{eff AC}$
 Operating current I_B max. 2 A
 Volume resistance $< 5 m\Omega$

Ambient conditions

Ambient temperature $-25 \dots 90 \text{ }^\circ\text{C}$ ($-13 \dots 194 \text{ }^\circ\text{F}$)
 cable, flexing: $-5 \dots 80 \text{ }^\circ\text{C}$ ($23 \dots 176 \text{ }^\circ\text{F}$),
 cable, fixed: $-40 \dots 80 \text{ }^\circ\text{C}$ ($-40 \dots 176 \text{ }^\circ\text{F}$)

Pollution degree 3

Mechanical specifications

Degree of protection IP65 / IP68 / IP69K
 Material
 Contacts CuZn
 Contact surface Ni/Au
 Body TPU, black
 Cable PUR
 Slotted nut Zinc die-casting, nickel-plated
 Seal NBR
 Core insulation PP
 Cable extra-fine wire, flexible
 Sheath diameter $\text{\O} 5.9 \text{ mm}$
 Bending radius $> 50 \text{ mm}$
 Color dark grey (RAL 7021)
 Cores $8 \times 0.25 \text{ mm}^2$, 24 AWG
 Conductor construction $32 \times 0.1 \text{ mm } \text{\O}$
 Length L 2 m

Electrical connection

