



Model Number

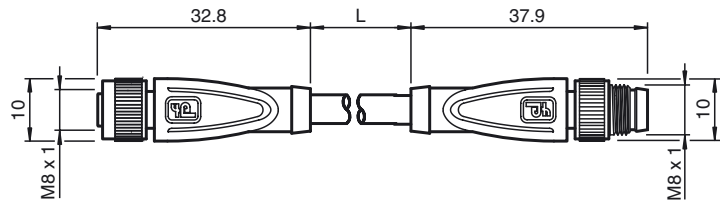
V3-GM-BK5M-PUR-U-V3-GM

Connection cable, M8 to M8, 3-pin, PUR cable

Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Flame resistant cable
- Resistant to microbes and hydrolysis
- Halogen-free
- Suitable for drag chains

Dimensions



Technical data

General specifications

Number of pins 3

Electrical specifications

Operating voltage U_B max. 60 V DC
 Operating current I_B max. 3 A
 Volume resistance $< 5 \text{ m}\Omega$

Ambient conditions

Ambient temperature -40 ... 90 °C (-40 ... 194 °F)
 cable, fixed: -40 ... 80 °C (-40 ... 176 °F)
 cable, flexing: -20 ... 80 °C (-4 ... 176 °F)

Pollution degree 3

Mechanical specifications

Contact elements spring-loaded contact socket

Pin diameter 1 mm

Degree of protection IP67

Material

Contacts CuSn / Au

Contact surface Au

Body TPU, green

Cable PUR

Slotted nut Diecast zinc

Sleeve connector Diecast zinc

Core insulation PP

Cable extra-fine wire, flexible

Sheath diameter $\varnothing 4.3 \text{ mm}$

Bending radius $> 10 \times$ cable diameter, moving
 $> 5 \times$ cable diameter, fixed

Color black

Cores $3 \times 0.34 \text{ mm}^2$

Conductor construction $42 \times 0.1 \text{ mm } \varnothing$

Length L 5 m

Drag chain suitability

Drag chain cycles ≥ 5000000

Motion velocity $\leq 3.3 \text{ m/s}$

Acceleration $\leq 5 \text{ m/s}^2$

Torsional stress $\pm 180 \text{ }^\circ/\text{m}$

Flammability

Cable FT2

Approvals and certificates

UL approval cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)

Electrical connection

