



**Model Number**

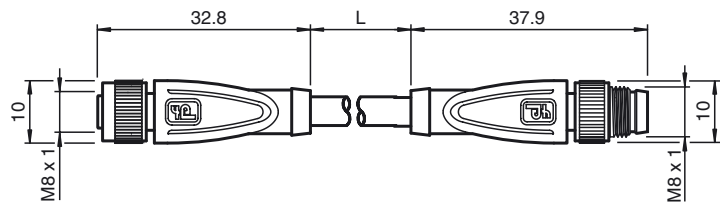
**V3-GM-BK5M-PUR-U-V3-GM**

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 mΩ

**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 Ø 4.3 mm

Bending radius > 10 x cable diameter, moving  
 > 5 x cable diameter, fixed

Color black

Cores 3 x 0.34 mm<sup>2</sup>

Conductor construction 42 x 0.1 mm Ø

Length L 5 m

**Drag chain suitability**

Drag chain cycles ≥ 5000000

Motion velocity ≤ 3.3 m/s

Acceleration ≤ 5 m/s<sup>2</sup>

Torsional stress ± 180 °/m

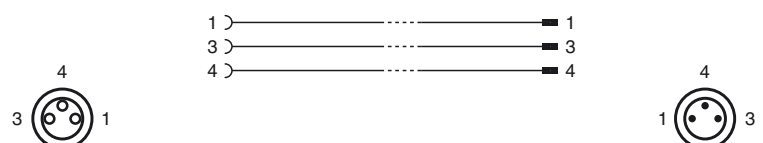
**Flammability**

Cable FT2

**Approvals and certificates**

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

**Electrical connection**



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