



### Model Number

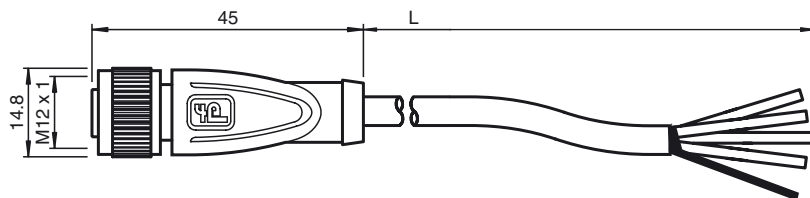
#### V15-G-BK2M-PUR-O2/CAN

Single-ended female cordset, M12, 4-pin, shielded PUR cable, outdoor

### Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Suitable for drag chains
- cURus approval (raw cable)
- UV resistant
- Resistant to microbes and hydrolysis
- Halogen-free
- Resistant to salt and sea water
- Degree of protection IP67 / IP68 / IP69K
- Gold plated contacts

### Dimensions



### Technical data

#### General specifications

Number of pins 4 + shield

#### Electrical specifications

Operating voltage  $U_B$  max. 60 V AC/DC  
 Operating current  $I_B$  max. 4 A  
 Volume resistance  $< 5 \text{ m}\Omega$

#### Ambient conditions

Ambient temperature -25 ... 90 °C (-13 ... 194 °F)  
 cable, fixed: -50 ... 105 °C (-58 ... 221 °F)  
 cable, flexing: -30 ... 105 °C (-22 ... 221 °F)

Pollution degree 3

#### Mechanical specifications

Contact elements spring-loaded contact socket  
 Pin diameter 1 mm  
 Degree of protection IP67 / IP68 / IP69k  
 Cable code SG [2(2 LI9Y 0.34 mm<sup>2</sup>)]VICVI11Y  
 Material  
 Contacts CuSn / Au  
 Contact surface Ni/Au  
 Body TPU, black  
 Cable PUR  
 Slotted nut Zinc die-casting, nickel-plated  
 Seal FKM  
 Core insulation PP  
 Cable 2 pairs with 2 strands for each core  
 Sheath diameter  $\varnothing 6 \text{ mm} \pm 0.2 \text{ mm}$   
 Bending radius  $> 10 \times$  cable diameter, moving  
 $> 5 \times$  cable diameter, single bend  
 Color black  
 Number of cores 4  
 Core cross-section 0.34 mm<sup>2</sup>  
 Conductor construction 19 x 0.15 mm  $\varnothing$   
 Shield grid covering 85 %  
 Length L 2 m

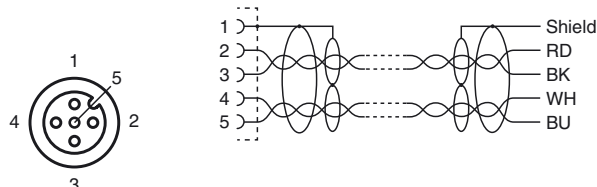
#### Drag chain suitability

Drag chain cycles  $\geq 3000000$   
 Motion velocity  $\leq 2.5 \text{ m/s}$   
 Traverse distance 0.51 m  
 Acceleration  $\leq 12 \text{ m/s}^2$

#### Flammability

Contact carrier HB  
 Housing V-2  
 Cable FT2

### Electrical connection



**Compliance with standards and directives**

<b>Standard conformity</b>	
Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	Grip: UL 94
Halogen-free	DIN VDE 0472 Part 15 (plastic) DIN EN 50267-2-1 (flue gas)
Chemical resistance	EN 60811-404: 168 h at 100° C

**Approvals and certificates**

UL approval	AWM STYLE 21924 105 °C 300V AWM I A/B 105 °C 300V FT2 (cable)
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