



Model Number

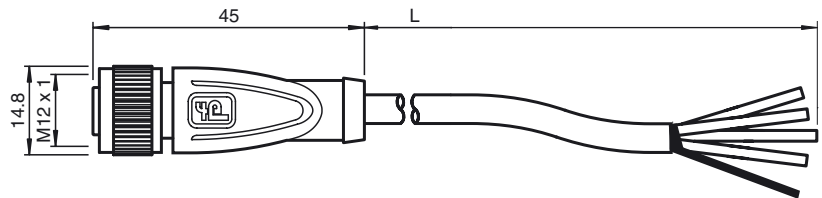
V15-G-BK5M-PUR-O2/CAN

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

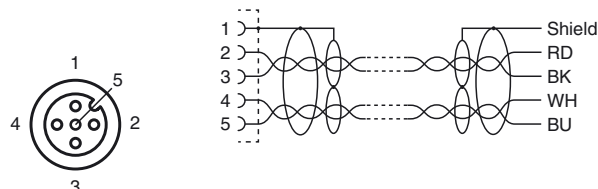
Ambient temperature -25 ... 90 °C (-13 ... 194 °F)
 cable, fixed: -50 ... 105 °C (-58 ... 221 °F)
 cable, flexing: -30 ... 105 °C (-22 ... 221 °F)

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 mm²)]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 mm²
 Conductor construction 19 x 0.15 mm \varnothing
 Shield grid covering 85 %
 Length L 5 m
 Drag chain suitability
 Drag chain cycles ≥ 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

Standard conformity	
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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