



Model Number

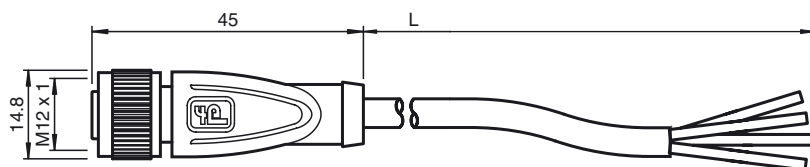
V1-G-BK10M-PUR-O2S-Y306407

Female cordset, M12, 4-pin, PUR cable

Features

- Resistant to microbes and hydrolysis
- Resistant to salt water
- Suitable for outdoor use (UV- and ozone resistant)
- Suitable for drag chains
- Oil resistant
- Resistant to abrasion
- Immunity to vibration, with mechanical latching
- Knurled nut suitable for tool assembly

Dimensions



Technical data

General specifications

Number of pins 4

Electrical specifications

Operating voltage U_B max. 250 V AC/DC
 Operating current I_B max. 4 A
 Volume resistance $< 5 \text{ m}\Omega$

Ambient conditions

Ambient temperature Body: -40 ... 90 °C (-40 ... 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
 Cable code SG [2(2 LI9Y 0.34 mm²)]VICV111Y
 Material
 Contacts CuSn / Au
 Contact surface Au
 Body TPU, black
 Cable PUR
 Slotted nut Diecast zinc
 Core insulation PP
 Cable extra-fine wire, flexible
 Sheath diameter $\varnothing 6 \text{ mm} \pm 0.2 \text{ mm}$
 Bending radius $> 10 \times$ cable diameter, moving
 $> 5 \times$ cable diameter, fixed
 Color black
 Cores $4 \times 0.34 \text{ mm}^2$
 Conductor construction $19 \times 0.15 \text{ mm } \varnothing$
 Shield grid covering 85 %
 Length L 10 m

Drag chain suitability

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

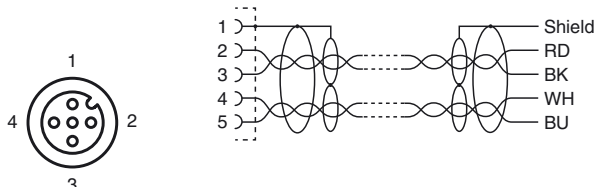
Flammability

Contact carrier 94 HB
 Housing 94 V-2
 Cable FT2

Compliance with standards and directives

Standard conformity
 Degree of protection EN 60529:2000

Electrical connection





Standards	IEC 61076-2-101:2008
Flammability	Body: UL 94 Line: UL 1581 Section 1061; IEC 60332-1-2:2004
Halogen-free	DIN VDE 0472 Part 15 (plastic) DIN EN 50267-2-1 (flue gas)
Chemical resistance	DIN EN 60811-2-1:2002
Approvals and certificates	
UL approval	AWM STYLE 21924 105 °C 300V AWM I A/B 105 °C 300V FT2 (cable)

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