



Model Number

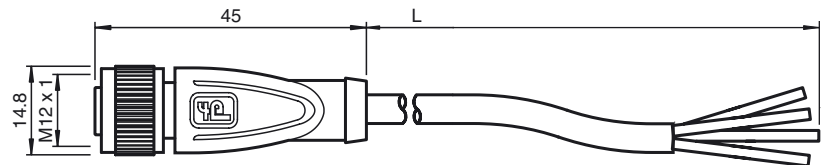
V1-G-BK10M-PUR-O2S-Y306407

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
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Electrical specifications

Operating voltage	U_B	max. 250 V AC/DC
Operating current	I_B	max. 4 A
Volume resistance		< 5 mΩ

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

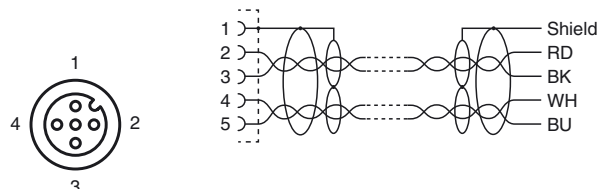
Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67
Cable code	SG [2(2 LI9Y 0.34 mm²)]VICVI11Y
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	Ø 6 mm ± 0.2 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
Color	black
Cores	4 x 0.34 mm²
Conductor construction	19 x 0.15 mm Ø
Shield	grid covering 85 %
Length	L 10 m
Drag chain suitability	
Drag chain cycles	≥ 3000000
Motion velocity	≤ 2.5 m/s
Acceleration	≤ 12 m/s²
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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