



Model Number

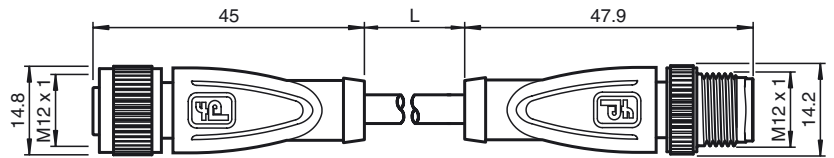
V19-G-BK2M-PUR-O2S-V1-G-YPCV

Connection cable, M12 to M12, 8/4-pin, PUR cable

Features

- Suitable for connecting to the IO-Link master
- UL Recognized Component
- Knurled nut suitable for tool assembly
- Suitable for drag chains
- Immunity to vibration, with mechanical latching
- Flame resistant cable
- Resistant to microbes and hydrolysis
- cURus approval
- UV resistant
- Halogen-free
- Resistant to salt and sea water
- Degree of protection IP67 / IP68 / IP69K

Dimensions



Technical data

General specifications

Number of pins	8/4
UL File Number	E231213

Electrical specifications

Operating voltage	U_B	max. 30 V AC/DC
Operating current	I_B	max. 2 A

Ambient conditions

Ambient temperature	-40 ... 90 °C (-40 ... 194 °F) cable, fixed: -50 ... 105 °C (-58 ... 221 °F) cable, flexing: -30 ... 105 °C (-22 ... 221 °F)
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Pollution degree	3
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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 ²)]VICVI11Y

Material

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Core insulation	PP
Cable	2 pairs with 2 strands for each core
Sheath diameter	Ø 6 mm ± 0.2 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, single bend
Color	black
Number of cores	4
Core cross-section	0.34 mm ²
Conductor construction	19 x 0.15 mm Ø
Shield	grid covering 85 %
Length	L 2 m

Drag chain suitability

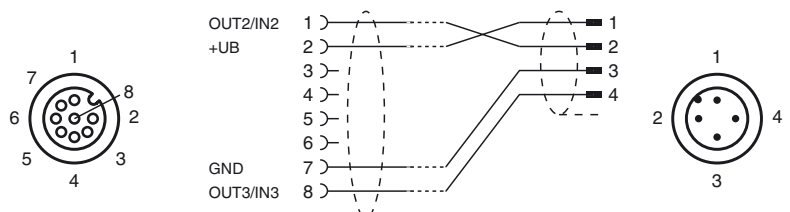
Drag chain cycles	≥ 3000000
Motion velocity	≤ 2.5 m/s
Traverse distance	0.51 m
Acceleration	≤ 12 m/s ²

Flammability

Contact carrier	94 HB
Housing	94 V-2
Cable	FT2

Compliance with standards and directives

Electrical connection



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Standard conformity	
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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