



Model Number

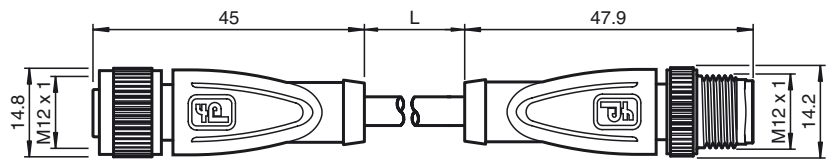
V19-G-BK0,6M-PUR-U-V1-G-SRDET

Cordset for SmartRunner Detector M12 socket 8-pin to M12 plug 4-pin, PUR cable black

Features

- Suitable for connecting to the IO-Link master
- Suitable for drag chains
- Suitable for robotic applications / torsion resistant
- Degree of protection IP67 / IP68 / IP69
- Free from substances that impair paint wetting
- Resistant to microbes and hydrolysis
- UL Recognized Component
- Halogen-free
- Gold plated contacts
- Flame resistant cable
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching

Dimensions



Technical data

General specifications

Number of pins	8/4
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	Male connector
Construction type 2	straight
Threading 2	M12
UL File Number	E231213

Electrical specifications

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

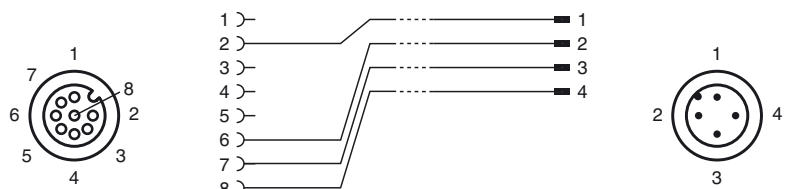
Ambient conditions

Ambient temperature	-40 ... 90 °C (-40 ... 194 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -20 ... 80 °C (-4 ... 176 °F)
Pollution degree	3

Mechanical specifications

Contact elements	spring-loaded contact socket
Degree of protection	IP67 / IP68 / IP69
Cable code	Li FY 11Y 4 x 0.34
Material	
Contacts	CuZn
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	PP
Cable	according to IEC/EN 60228 (DIN VDE 0295) class 6
Sheath diameter	4.3 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
Color	black
Number of cores	4
Core cross-section	0.34 mm ²
Cores color	Core 1: brown Core 2: white Core 3: blue Core 4: black
Conductor construction	42 x 0.1 mm Ø
Length	L 0.6 m
Drag chain suitability	
Drag chain cycles	≥ 5000000

Electrical connection



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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Motion velocity	≤ 3.3 m/s
Traverse distance	5 m horizontal
Acceleration	≤ 5 m/s ²
Torsion cycles	≥ 1000000
Torsional stress	± 180 °/m
Flammability	
Contact carrier	HB
Housing	V-2
Cable	FT2
Compliance with standards and directives	
Standard conformity	
Degree of protection	EN 60529
Flammability	IEC 60332-1-2
Halogen-free	IEC 60754-1
Specification	connector M12 x 1 : IEC 61076-2-101
Approvals and certificates	
UL approval	cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".