



Model Number

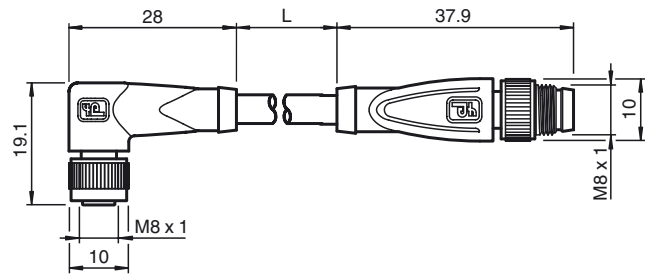
V3-WM-E2-BK1M-PUR-U-V3-GM

Cordset, M8 to M8, LED, 3-pin, PUR cable

Features

- Built-in LED, as operating and function indicator
- UL approval
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Resistant to microbes and hydrolysis
- Halogen-free
- Suitable for drag chains

Dimensions



Technical data

General specifications

Number of pins	3
Connection 1	socket
Construction type 1	right angle
Threading 1	M8
Connection 2	Male connector
Construction type 2	straight
Threading 2	M8

Electrical specifications

Operating voltage	U_B	max. 24 V DC \pm 15%
Operating current	I_B	max. 3 A
Volume resistance		< 5 m Ω

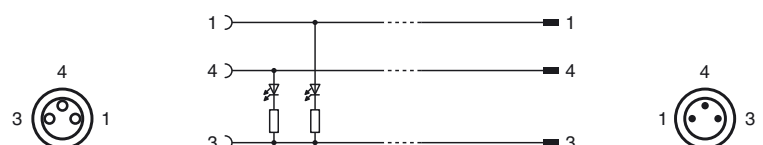
Ambient conditions

Ambient temperature	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
Pin diameter	1 mm
Degree of protection	IP67
Cable code	Li 9Y 11Y 3 x 0.34
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, transparent/black
Cable	PUR
Slotted nut	CuSn / Ni
Core insulation	PP
Cable	extra-fine wire, flexible
Sheath diameter	\varnothing 4.3 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
Color	black
Number of cores	3
Core cross-section	0.34 mm ²
Conductor construction	42 x 0.1 mm \varnothing
Length	L 1 m
Drag chain suitability	
Drag chain cycles	\geq 5000000
Motion velocity	\leq 3.3 m/s
Acceleration	\leq 5 m/s ²
Torsional stress	\pm 180 °/m
Flammability	

Electrical connection



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

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Contact carrier	94 V-2
Housing	HB
Cable	FT2
Approvals and certificates	
UL approval	cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)

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