



Model Number

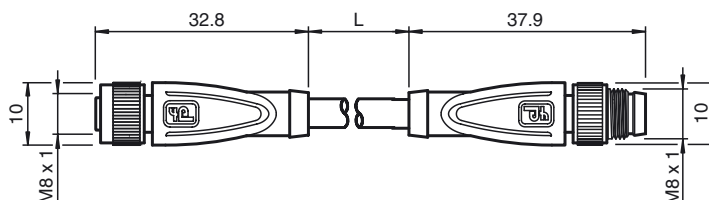
V3-GM-BK1M-PUR-U-V3-GM

Connection cable, M8 to M8, 3-pin, PUR cable

Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold-plated and machined contacts
- Flame resistant cable
- Resistant to microbes and hydrolysis
- Halogen-free
- Suitable for drag chains

Dimensions



Technical data

General specifications

Number of pins	3
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Electrical specifications

Operating voltage	U_B	max. 60 V DC
Operating current	I_B	max. 3 A
Volume resistance		< 5 m Ω

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
Pin diameter	1 mm
Degree of protection	IP67

Material

Contacts	CuSn / Au	
Contact surface	Au	
Body	TPU, green	
Cable	PUR	
Slotted nut	Diecast zinc	
Sleeve connector	Diecast zinc	
Core insulation	PP	
Cable	extra-fine wire, flexible	
Sheath diameter	Ø 4.3 mm	
Bending radius	> 10 x cable diameter, > 5 x cable diameter, fi	
Color	black	
Cores	3 x 0.34 mm ²	
Conductor construction	42 x 0.1 mm Ø	
Length	L	1 m

Drag chain suitability

Drag chain cycles	≥ 5000000
Motion velocity	≤ 3.3 m/s
Acceleration	≤ 5 m/s ²
Torsional stress	± 180 °/m

Flammability

Cable	FT2
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Approvals and certificates

UL approval	cURus AWM 20549 AWM I/II A/B 80°C 300V FT2 (cable)
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Electrical connection

