



Model Number

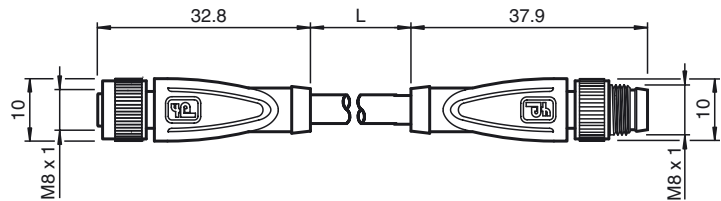
V3-GM-BK10M-PUR-U-V3-GM

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
UL File Number	E231213

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)
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Pollution degree	3
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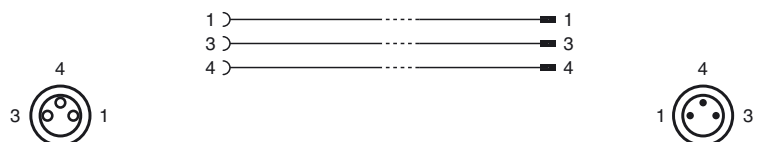
Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67
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	\varnothing 4.3 mm
Bending radius	> 10 x cable diameter, appropriate for conveyor chains
Color	black
Cores	3 x 0.34 mm ²
Conductor construction	42 x 0.1 mm \varnothing
Length	L 10 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

Approvals and certificates

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



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