



Model Number

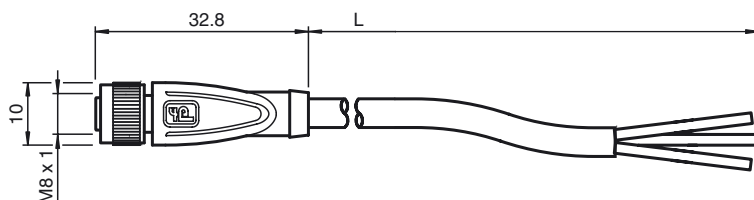
V3-GM-E2-BK5M-PUR-U

Female cordset, 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
- Suitable for 2- and 3-wire technology

Dimensions



Technical data

General specifications

Number of pins	3
Connection 1	socket
Construction type 1	straight
Threading 1	M8
Connection 2	cable end

Indicators/operating means

LED green	Operating display
LED yellow	Functional display NO

Electrical specifications

Operating voltage	U_B	max. 24 V DC $\pm$ 15%
Operating current		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
Material	

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, transparent
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

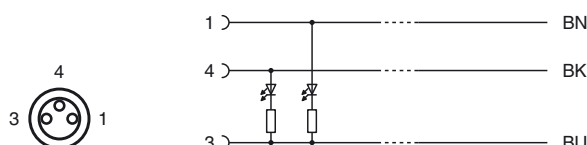
Color	black
Cores	3 x 0.34 mm ²
Conductor construction	42 x 0.1 mm $\varnothing$
Length	L 5 m

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

Contact material	94 V-2
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Electrical connection





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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