



### Model Number

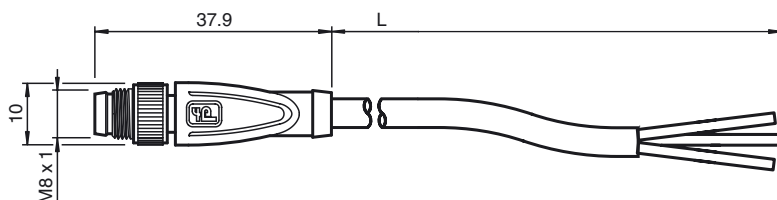
**V3S-GM-BK5M-PUR-U**

Cable connector, M8, 3-pin, PUR cable

### Features

- UL Recognized Component
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated 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
Contact resistance		< 10 m $\Omega$

#### Ambient conditions

Ambient temperature	40 ... 90 °C (104 ... 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

Pin diameter	1 mm
Degree of protection	IP67
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Sleeve connector	Diecast zinc
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 <sup>2</sup>
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 <sup>2</sup>
Torsional stress	$\pm$ 180 °/m

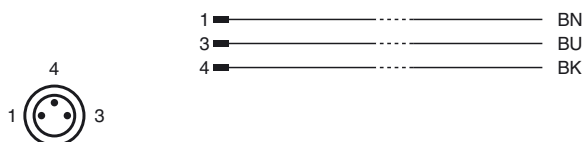
#### Flammability

Contact material	94 HB
Housing	94 V-2
Cable	FT2

#### Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000
Standards	IEC 61076-2-104:2008

### Electrical connection



Flammability

Body: UL 94  
Line: UL 1581 Section 1061; IEC 60332-1-2:2004

**Approvals and certificates**

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

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