



### Model Number

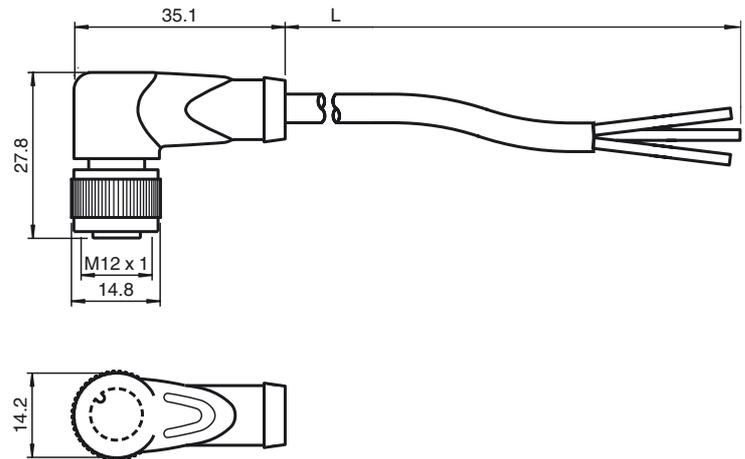
**V11-W-BK5M-PUR-U**

Female cordset, M12, 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
- 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. 250 V AC/DC
Operating current	$I_B$	max. 4 A
Contact resistance		< 10 m $\Omega$

#### Ambient conditions

Ambient temperature	Body: -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 / IP68 / IP69k

#### Material

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Slotted nut	Diecast zinc
Core insulation	PP

#### Cable

Sheath diameter	$\varnothing$ 4.3 mm
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed

Color	black
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Number of cores	3
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Core cross-section	0.34 mm <sup>2</sup>
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Conductor construction	42 x 0.1 mm $\varnothing$
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Length	L	5 m
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#### Drag chain suitability

Drag chain cycles	$\geq$ 5000000
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Motion velocity	$\leq$ 3.3 m/s
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Acceleration	$\leq$ 5 m/s <sup>2</sup>
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Torsional stress	$\pm$ 180 °/m
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#### Flammability

Contact carrier	HB
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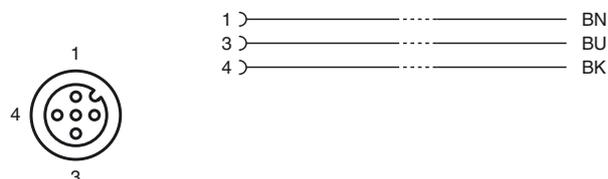
Housing	V-2
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Cable	flame-resistant
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#### Compliance with standards and directives

Standard conformity	
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### Electrical connection





Degree of protection	EN 60529:2000
Standards	IEC 61076-2-101:2008
Flammability	Body: UL 94 Line: UL 1581 Section 1061; IEC 60332-1-2:2004
Halogen-free	IEC 60754-1:1994

**Approvals and certificates**

UL approval	UL Recognized General purpose
Maximum permissible operating voltage	≤ 30 V
Maximum permissible ambient temperature	≤ 80 °C (≤ 176 °F)

Release date: 2015-11-06 22:40 Date of issue: 2015-11-06 241803\_eng.xml