



### Model Number

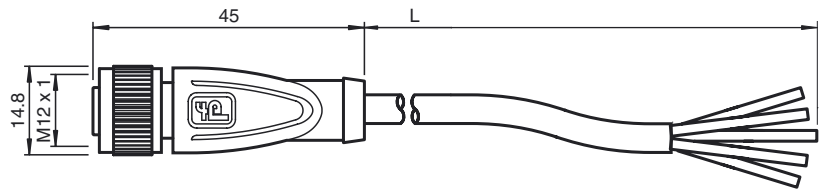
**V15-G-S-YE2M-PUR-A**

Female cordset, M12, 5-pin, PUR cable

### Features

- Improved resistance to weld slag
- Appropriate for conveyor chains
- Suitable for robotic applications / torsion resistant
- Flame resistant cable
- Halogen-free
- Resistant to microbes and hydrolysis
- Free of paint coating substances
- Immunity to vibration, with mechanical latching
- Knurled nut suitable for tool assembly

### Dimensions



### Technical data

#### General specifications

Number of pins	5
Connection 1	female connector
Construction type 1	straight
Threading 1	M12
Connection 2	cable end

#### Electrical specifications

Operating voltage	$U_B$	max. 60 V AC/DC
Operating current		max. 4 A
Volume resistance		< 5 m $\Omega$

#### Ambient conditions

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable, fixed: -40 ... 80 °C (-40 ... 176 °F) cable, flexing: -25 ... 80 °C (-13 ... 176 °F)
Pollution Degree	3

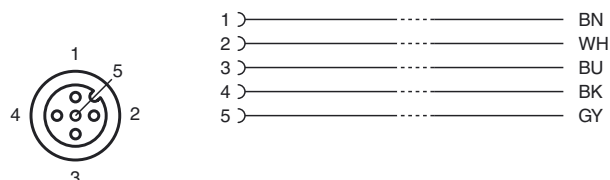
#### Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Protection degree	IP67

#### Material

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, yellow
Cable	PUR
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	PP
Cable	extra-fine wire, flexible
Sheath diameter	$\varnothing$ 4.7 mm
Drag chain cycles	$\geq$ 5000000 (at max. 60 °C)
Bending radius	> 10 x cable diameter, moving > 5 x cable diameter, fixed
Motion velocity	$\leq$ 3.3 m/s
Traverse distance	5 m horizontal
Acceleration	$\leq$ 5 m/s <sup>2</sup>
Torsion cycles	$\geq$ 1000000 (at max. 60 °C)
Torsional stress	$\pm$ 180 °/m
Color	yellow
Cores	5 x 0.34 mm <sup>2</sup>
Conductor construction	42 x 0.1 mm $\varnothing$
Length	L 2 m
Flammability	
Contact material	94 HB
Housing	94 V-2

### Electrical connection





Cable	FT2
<b>Compliance with standards and directives</b>	
Standard conformity	
Protection degree	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

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