

### Model Number

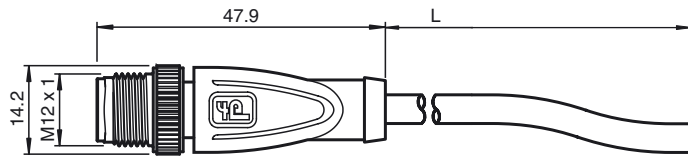
**V1S-G-N-1M-PUR-Y203909**

Cable connector, M12, 2-pin, NAMUR, PUR cable

### Features

- Suitable for NAMUR technology
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Blue sheath

### Dimensions



### Technical data

#### General specifications

Number of pins	2
Connection 1	Male connector
Construction type 1	straight
Threading 1	M12
Connection 2	cable end
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 $\Omega$
Inductance		0.6 mH / km
Capacitance		82 nF / km

#### 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)
Pollution degree	3

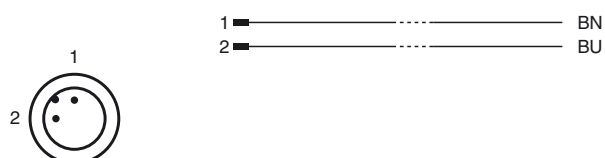
#### Mechanical specifications

Pin diameter	1 mm
Degree of protection	IP67 / IP68 / IP69k
Cable code	Li FY 11Y 2 x 0.34
Material	
Contacts	CuSn / Au
Contact surface	Au
Body	TPU, black
Cable	PUR
Sleeve connector	Diecast zinc
Core insulation	PVC
Cable	extra-fine wire, flexible
Sheath diameter	$\varnothing$ 4.8 mm
Bending radius	> 15 x cable diameter, moving > 10 x cable diameter, fixed
Color	blue
Cores	2 x 0.34 mm <sup>2</sup>
Conductor construction	42 x 0.1 mm $\varnothing$
Length	L 1 m
Flammability	
Contact carrier	94 HB
Housing	94 V-2

#### Compliance with standards and directives

Standard conformity	
Degree of protection	EN 60529:2000

### Electrical connection





Standards	IEC 61076-2-101:2008
Flammability	Grip: UL 94

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