



### Model Number

**V1-W-N-45M-PUR**

Female Cordset, M12, NAMUR

### Features

- Suitable for NAMUR technology
- Blue sheath
- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Gold plated contacts
- Degree of protection IP67 / IP68 / IP69K
- Suitable for routing intrinsically safe circuits in accordance with DIN EN 60079-14:2014

### Technical data

#### General specifications

Number of pins	2
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#### Electrical specifications

Operating voltage	$U_B$	max. 250 V AC/DC
Test voltage		> 500 V <sub>eff</sub> AC
Operating current	$I_B$	max. 4 A
Contact resistance		< 10 mΩ
Inductance		0.55 mH / km
Capacitance		88.3 nF / km

#### Ambient conditions

Ambient temperature	Body: -40 ... 90 °C (-40 ... 194 °F) cable -25 ... 100 °C (-13 ... 212 °F)
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Pollution degree	3
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#### Mechanical specifications

Contact elements	spring-loaded contact socket
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Pin diameter	1 mm
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Degree of protection	IP67 / IP68 / IP69K
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#### Material

Contacts	CuSn / Au
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Contact surface	Au
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Body	TPU, black
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Cable	PUR
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Slotted nut	Diecast zinc
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Core insulation	PVC
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Cable	extra-fine wire, flexible
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Sheath diameter	Ø 4.8 mm
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Bending radius	> 15 x cable diameter, moving > 10 x cable diameter, fixed
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Color	blue
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Cores	2 x 0.34 mm <sup>2</sup>
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Conductor construction	42 x 0.1 mm Ø
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Length	L 45 m
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#### Flammability

Contact carrier	94 HB
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Housing	94 V-2
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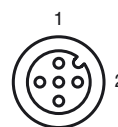
#### Compliance with standards and directives

Standard conformity	
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Degree of protection	EN 60529
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Standards	IEC 61076-2-101
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### Electrical connection



### Electrical connection

1	.....	BN
2	.....	BU