

## Valve Connector Cordset

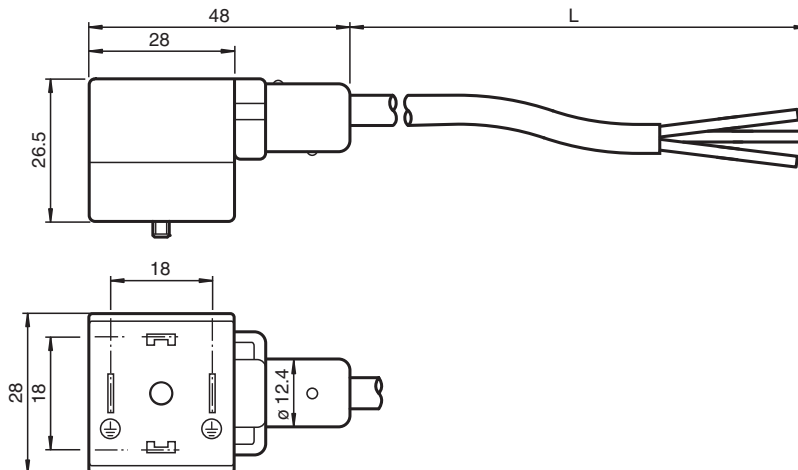
### VMA-2+P/A-10M-PUR

- Valve connector according EN 175301-803 A/ISO 4400
- Amplifier
- Suppressor diode as a protective circuit
- Short-circuit protected
- Built-in LED, as operating and function indicator
- Moulded seal
- freely selectable cable models due to bridged protective earth
- Immunity to vibration

Valve connector Form A, suppressor diode switch amplifier LED 2-pin+PE, PUR cable black



### Dimensions



### Technical Data

#### General specifications

Connector 1	
Connection	Valve connector DIN
Construction type	form A
Style	angled
Locking	screw connection
Number of pins	2 + PE
Connector 2	
Connection	cable end
Customization	sheath stripped 50 mm

#### Indicators/operating means

LED yellow	Operating display
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#### Electrical specifications

Operating current	$I_B$	max. 2 A
Nominal voltage	$U_N$	24 V DC
Nominal voltage range		19 ... 30 V DC
Current consumption		2.4 mA

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## Technical Data

Suppression	Amplifier Suppressor diode	
<b>Conformity</b>		
Degree of protection	EN 60529	
Plug connection	Valve connector : DIN EN 175301-803	
Flammability	Cable: UL 758 / UL 1581 , DIN EN 50265-2-1 , IEC 60332-1-2	
<b>Approvals and certificates</b>		
UL approval	UL-Style 20549	
Maximum permissible operating voltage	max. 300 V	
Maximum permissible ambient temperature	max. 80 °C (max. 176 °F)	
<b>Ambient conditions</b>		
Ambient temperature		
Plug connector	-25 ... 90 °C (-13 ... 194 °F)	
Cable, fixed installation	-40 ... 80 °C (-40 ... 176 °F)	
Cable, flexing	-20 ... 80 °C (-4 ... 176 °F)	
Pollution degree	3	
<b>Mechanical specifications</b>		
Plug connector		
Tightening torque	0.4 Nm	
Tool installation	screw M3 x 29	
Mating cycles	min. 100	
Degree of protection	IP67	
Cable		
Sheath diameter	5.8 mm	
Bending radius	> 10 x cable diameter, movable installation > 5 x cable diameter, fixed installation	
Sheath color	black (similar to RAL 9005)	
Number of cores	4	
Core cross section	0.75 mm <sup>2</sup>	
Cores color	Core 1: brown + Core 1: black S Core 2: blue 0 Core PE: green/yellow	
Length	L	10 m
Cable code	Li 9Y 11Y 4 x 0,75	
Mass	590 g	
<b>Material</b>		
Plug connector		
Body	TPU, transparent	
Seal	TPU , molded	
Contact surface	Ag	
Cable		
Sheathing	PUR	
Cores	bare copper (Cu)	
Core insulation	PVC	

## Connection

