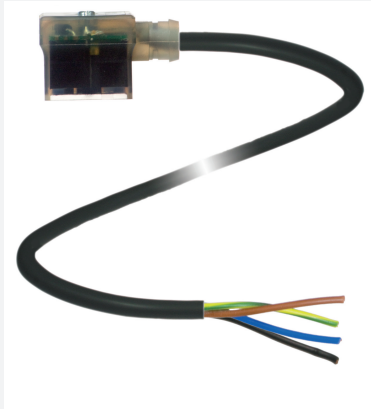




Valve Connector Cordset

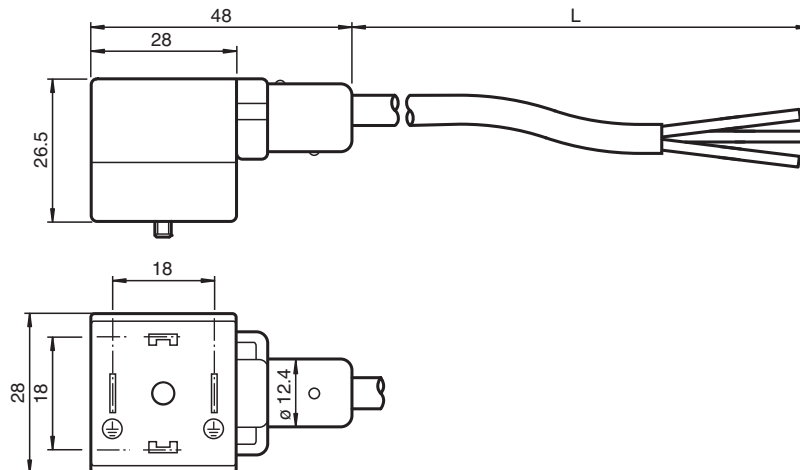
VMA-2+P/A-20M-PUR

- 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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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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PEPPERL+FUCHS

Technical Data

Suppression	Amplifier Suppressor diode
Conformity	
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
Approvals and certificates	
UL approval	UL-Style 20549
Maximum permissible operating voltage	max. 300 V
Maximum permissible ambient temperature	max. 80 °C (max. 176 °F)
Ambient conditions	
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
Mechanical specifications	
Plug connector	
Tightening torque	0.4 Nm
Tool installation	screw M3 x 29
Mating cycles	min. 100
Degree of protection	IP67
Cable	according to IEC/EN 60228 (DIN VDE 0295) class 5
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 ²
Cores color	Core 1: brown + Core 1: black S Core 2: blue 0 Core PE: green/yellow
Length	L 20 m
Cable code	Li 9Y 11Y 4 x 0,75
Mass	1165 g
Material	
Plug connector	
Body	TPU, transparent
Seal	TPU , molded
Contact surface	Ag
Cable	
Sheathing	PUR
Cores	bare copper (Cu)
Core insulation	PVC

Connection

