

Valve Connector Cordset

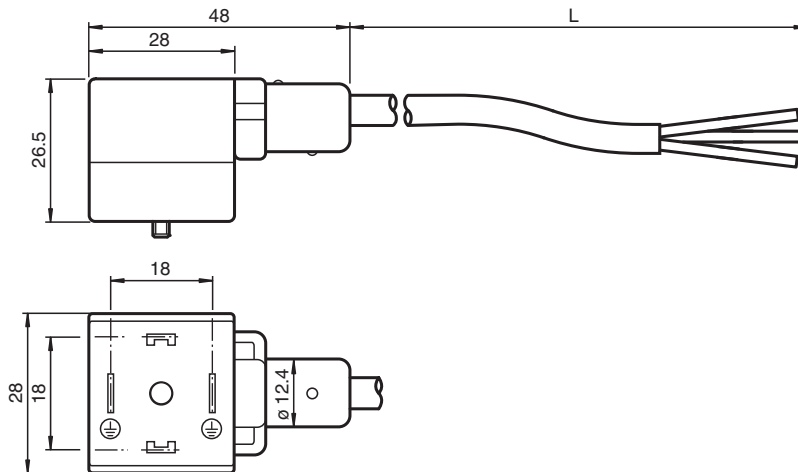
VMA-2+P/A-20M-PUR

- 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
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	
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		
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

