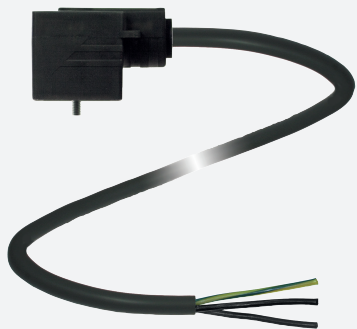




Valve Connector Cordset

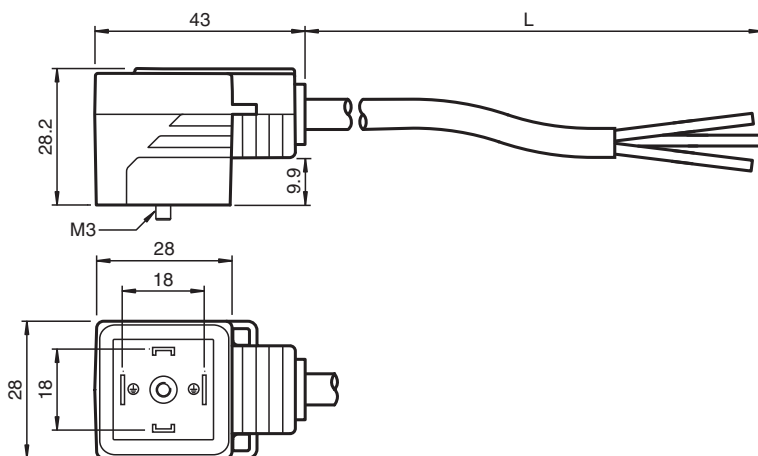
VMA-2+P/Z2-3M-PVC

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

Valve connector Form A, Z-diode LED 2-pin+PE, PVC 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 voltage	U_B	max. 24 V AC/DC
Operating current	I_B	max. 4 A
Suppression	Zener diode	

Conformity

Release date: 2025-02-04 Date of issue: 2025-02-04 Filename: 70136177_eng.pdf

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

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PEPPERL+FUCHS

Technical Data

Degree of protection	EN 60529
Plug connection	Valve connector : DIN EN 175301-803
Flammability	DIN VDE 0482 , DIN EN 50265-2-1 , UL 94
Oil resistance	DIN EN 60811-2-1
Ambient conditions	
Ambient temperature	
Plug connector	-20 ... 85 °C (-4 ... 185 °F)
Cable, fixed installation	-40 ... 80 °C (-40 ... 176 °F)
Cable, flexing	-5 ... 80 °C (23 ... 176 °F)
Pollution degree	3
Mechanical specifications	
Plug connector	
Tightening torque	0.6 Nm
Tool installation	screw M3 x 29
Mating cycles	min. 100
Degree of protection	IP65 / IP67
Cable	according to IEC/EN 60228 (DIN VDE 0295) class 5
Sheath diameter	4.8 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	3
Core cross section	0.5 mm ²
Cores color	Core 1: black 1 Core 2: black 2 Core PE: green/yellow
Core construction	16 x 0.2 mm Ø
Length	L
Cable code	Li YY 3 x 0,50
Mass	138.9 g
Material	
Plug connector	
Body	TPU, black
Seal	TPU , molded
Contact surface	Sn
Flammability	V-0
Cable	
Sheathing	PVC
Cores	bare copper (Cu)
Core insulation	PVC
Oil resistance	good
Flammability	V-0

Connection

