

End plate VMPAL-EPL-AP

Part number: 8087171

FESTO



Data sheet

Feature	Value
Relative air humidity	5 - 95 % Non-condensing
Note on degree of protection	In mounted state Unused connections sealed
KC characters	KC EMC
Max. cable length	50 m system communication
Protection against direct and indirect contact	PELV SELV
Diagnose per internal communication	Electronics/sensors overvoltage Electronics/sensors undervoltage
Connection position	Top
Voltage forwarding, connection type	Socket
Intrinsic current consumption at nominal operating voltage for electronics/sensors	Typically 30 mA
Communication interface, function	System communication XF10 IN / XF20 OUT
Communication interface, shielding	yes
Intrinsic current consumption at nominal operating voltage load	Typically 15 mA
Diagnostics via LED	Diagnostics per module Load power supply
Electrical isolation of outputs between channel - internal communication	yes
Communication interface, connection technology	M8x1, D-coded as per EN 61076-2-114
Voltage forwarding, connection technology	M8x1, A-coded as per EN 61076-2-104
Voltage forwarding, function	Outgoing electronics/sensors and load
Communication interface, protocol	AP-COM
Power supply, connection technology	M8x1, A-coded as per EN 61076-2-104
Max. power supply	2 x 4 A (external fuse required)
Dimensions W x L x H	43.1 mm x 107.5 mm x 50.2 mm
Nominal altitude of use above sea level	≤ 2000 m NHN
Permissible voltage fluctuations load	± 10%
Permissible voltage fluctuations for electronics/sensors	± 25 %
Power supply, function	Incoming electronics/sensors and load
Power supply, type of connection	Plug
Communication interface, connection type	2x socket
Threaded sleeve material	Brass, nickel-plated
Power supply, number of pins/wires	4
Power failure buffering	10 ms
Nominal operating voltage DC for electronics/sensors	24 V

Feature	Value
Communication interface, number of pins/wires	4
Voltage forwarding, number of pins/wires	4
Nominal operating voltage DC load	24 V
Type code	VMPAL
Reverse polarity protection	yes
Max. no. of valve positions	32
Valve manifold design	Valve sizes can be mixed
Max. no. of solenoid coils	32
Fuse protection (short circuit)	Internal electronic fuse per channel
CE marking (see declaration of conformity)	As per EU EMC directive
Corrosion resistance class (CRC)	3 - High corrosion stress
Storage temperature	-40 °C ... 70 °C
Degree of protection	IP65 IP67
Ambient temperature	-5 °C ... 50 °C
Certification	RCM compliance mark
Max. tightening torque	1.7 Nm
Product weight	194 g
Type of mounting	Tie rod
Note on materials	RoHS-compliant
Housing material	Die cast aluminum, painted PA-reinforced