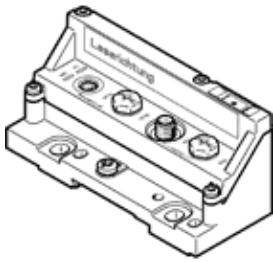


# end plate VMPAL-EPL-AP

Part number: 8087171

FESTO



## Data sheet

Feature	Value
Position of connection	on top
Polarity protected	Yes
Diagnostics via LED	Diagnostics per module Power supply load
Diagnostics per internal communication	Electronics/sensors overvoltage Electronics/sensors undervoltage
Max. number of valve positions	32
Valve terminal structure	Valve sizes can be mixed
Max. number of solenoid coils	32
Dimensions W x L x H	43,1 mm x 107,5 mm x 50,2 mm
Protection (short circuit)	Internal electronic fuse protection per channel
Intrinsic current consumption at nominal operating voltage for electronics/sensors	Typically 30 mA
Intrinsic current consumption at nominal operating voltage load	Typically 15 mA
Max. power supply	2 x 4 A (external fuse required)
Nominal operating voltage DC for electronics/sensors	24 V
Nominal operating voltage, DC outputs	24 V
Power failure buffering	10 ms
Electrical isolation of outputs between channel - internal communication	Yes
Permissible voltage fluctuations for electronics/sensors	± 25 %
Permissible voltage fluctuations, load	± 10 %
Power supply, function	Incoming electronics/sensors and load
Power supply, type of connection	Plug
Power supply, connection technology	M8x1, A-coded to EN 61076-2-104
Power supply, number of pins/wires	4
Power transmission, function	Outgoing electronics/sensors and load
Power transmission, connection type	Plug socket
Power transmission, connection technology	M8x1, A-coded to EN 61076-2-104
Power transmission, number of pins/wires	4
Authorisation	RCM Mark
KC mark	KC-EMV
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Corrosion resistance classification CRC	3 - High corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	-40 ... 70 °C
Relative air humidity	5 - 95 % non-condensing
Protection against direct and indirect contact	Protective extra-low voltage with safe disconnection (PELV) Protection by safety extra-low voltage (SELV)
Protection class	IP65 IP67
Note on degree of protection	in assembled condition Unused connections sealed

Feature	Value
Ambient temperature	-5 ... 50 °C
Nominal altitude of use	≤ 2000 m NHN
Max. tightening torque	1.7 Nm
Product weight	194 g
Max. line length	50 m system communication
Communication interface, function	System communication XF10 IN / XF20 OUT
Communication interface, connection type	2x socket
Communication interface, connection technology	M8x1, D-coded to EN 61076-2-114
Communication interface, number of pins/wires	4
Communication interface, protocol	AP-COM
Communication interface, screening	Yes
Mounting type	Tie rod
Materials note	Conforms to RoHS
Material housing	Die-cast aluminium, painted PA-reinforced
Material threaded sleeve	Nickel-plated brass