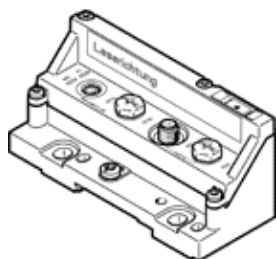


End plate VMPAL-EPL-AP

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 manifold 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
Authorization	RCM Mark
KC mark	KC-EMV
CE symbol (see declaration of conformity)	according to EU-EMV guideline 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	Safety 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 in accordance with 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