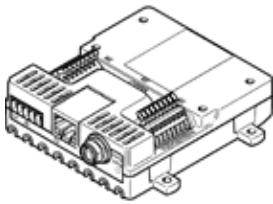


valve control module VAEM-V-S8EPRS2

Part number: 8088772

FESTO



Data sheet

Feature	Value
Dimensions W x L x H	92 mm x 100 mm x 28 mm
Diagnostics via LED	Error Run
Diagnostics via bus	Short circuit/overload at output parameterisation error Undervoltage in load supply Wire break at the output
Assembly position	Any
Parameters configuring	Parameter settings per output
Polarity protected	for operating voltage
Control elements	DIL switch for Baud rate
Intrinsic current consumption at operating voltage	36 mA
Trigger level	Level 14 ... 24 V
Load voltage range DC	8 ... 24 V
Maximum number of outputs	8
Inrush current, per output	20 ... 1,000 mA
Holding current, per output	20 ... 400 mA
Inrush current, total	≤ 4 A
Holding current, total	≤ 1.8 A
Pickup time	≤ 100 ms
Time resolution	0.2 ms
Nominal operating voltage DC	24 V
Degree of contamination	2
Permissible voltage fluctuation	+/- 10 %
Power supply, function	Digital trigger input Power supply
Power supply, type of connection	Plug
Power supply, connection technology	Circuit board plug connector RM 3.5 mm
Power supply, number of pins/wires	5
Communication interface, connection type	Plug socket
Communication interface, connection technology	M8x1, A-coded to EN 61076-2-104
Communication interface, number of pins/wires	4
Communication interface, connection pattern	00991872
Communication interface, function	Parameterisation and commissioning
Communication interface, protocol	ASCII via RS232
Communication interface, transmission rate	9,6 - 115,2 kBd
Communication interface, galvanic isolation	No
Ethernet interface, type of connection	Plug socket
Ethernet interface, connection technology	RJ45
Ethernet interface, transmission rate	10/100 Mbit/s
Ethernet interface, function	Parameterisation and commissioning
Ethernet interface, protocol	Modbus TCP
Electrical connection, output, connection type	2x terminal strips
Electrical connection, output, connection technology	Cage clamp terminal
Electrical connection, output, number of pins/wires	8
Electrical connection for output, conductor cross section	0.08 ... 0.5 mm ²

Feature	Value
Electrical connection, output, function	Switching output
CE mark (see declaration of conformity)	to EU directive for EMC to EU directive low-voltage devices
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Vibration resistance	Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	0 - No corrosion stress
PWIS conformity	VDMA24364 zone III
Storage temperature	-20 ... 70 °C
Relative air humidity	0 - 95 % non-condensing
Protection class	IP20
Ambient temperature	0 ... 50 °C
Authorisation	RCM Mark
Nominal altitude of use	≤ 2000 m NHN
Product weight	98 g
Mounting type	with through hole
Housing colour	Black
Material housing	PA
Materials note	Conforms to RoHS