

# 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
Housing colour	Black
Contamination level	2
Diagnostics via LED	Error Run
Power supply, type of connection	Plug
Power supply, connection pattern	00997301
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Diagnostics via bus	Output short circuit/overload Parameterization error Load supply undervoltage Wire break at the output
Power supply, function	Digital trigger input Power supply
Power supply, connection technology	Circuit board connector, RM 3.5 mm
Nominal altitude of use above sea level	≤ 2000 m NHN
Power supply, number of pins/wires	5
Time resolution	0.2 ms
Pick-up time	≤ 100 ms
Ethernet interface, connection pattern	00995789
Communication interface, connection type	Socket
Communication interface, galvanic isolation	no
Trigger level	Level 14 V ... 24 V
Ethernet interface, connection technology	RJ45
Electrical connection output, connection type	2x terminal strip
Electrical connection output, connection technology	Spring-loaded terminal
Communication interface, function	Parameterization and commissioning
Ethernet interface, connection type	Socket
Electrical connection for output, connection pattern	00997304
Communication interface, connection pattern	00991872
Electrical connection output, function	Switching output
Ethernet interface, protocol	Modbus® TCP
Communication interface, connection technology	M8x1, A-coded as per EN 61076-2-104
Communication interface, transmission rate	9.6–115.2 kBd
Communication interface, protocol	ASCII via RS232

Feature	Value
Electrical output connection, number of pins/wires	8
Communication interface, number of pins/wires	4
Electrical connection for output, conductor cross section	0.08 mm <sup>2</sup> ... 0.5 mm <sup>2</sup>
Ethernet interface, function	Parameterization and commissioning
Ethernet interface, transmission rate	10/100 Mbit/s
Type code	VAEM
Mounting position	Any
Parameterization	Parameter setting per output
Reverse polarity protection	for operating voltage
Control elements	DIP switch for Baud rate
Intrinsic current consumption at operating voltage	36 mA
Load voltage range DC	8 V ... 24 V
Max. no. of outputs	8
Nominal operating voltage DC	24 V
Permissible voltage fluctuations	+/- 10 %
CE marking (see declaration of conformity)	As per EU EMC directive As per EU low voltage directive
Corrosion resistance class (CRC)	0 - No corrosion stress
Storage temperature	-20 °C ... 70 °C
Relative air humidity	0 - 95 % Non-condensing
Degree of protection	IP20
Ambient temperature	0 °C ... 50 °C
Certification	RCM compliance mark
Product weight	98 g
Type of mounting	With through-hole
Housing material	PA
Note on materials	Contains paint-wetting impairment substances RoHS-compliant