

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	Wire break at the output Short circuit/overload at output Parameterisation error Undervoltage in load supply
Mounting position	optional
Parameterisation	Parameter setting per output
Reverse polarity protection	For operating voltage
Operator controls	DIP switch for Baud rate
Internal current consumption, operating voltage	36 mA
Trigger level	Level 14 V ... 24 V
Load voltage range DC	8 V ... 24 V
Max. number of outputs	8
Inrush current, per output	20 mA ... 1000 mA
Holding current, per output	20 mA ... 400 mA
Inrush current, total	≤4 A
Holding current, total	≤1.8 A
Inrush time	≤100 ms
Time resolution	0.2 ms
Nominal operating voltage DC	24 V
Pollution degree	2
Permissible voltage fluctuations	+/- 10 %
Power supply, function	Digital trigger input Power supply
Power supply, connection type	Plugs
power supply, connection system	Circuit board connector, contact spacing 3.5 mm
Power supply, number of pins/wires	5
Power supply, connection pattern	00997301
Communication interface, connection type	Socket
Communication interface, connection technology	M8x1, A-coded according to EN 61076-2-104
Communication interface, number of pins/wires	4
Communication interface, plug pattern	00991872
Communication interface, function	Parameterisation and commissioning
Communication interface, protocol	ASCII via RS232
Communication interface, transmission rate	9.6 - 115.2 kBd

Feature	Value
Communication interface, galvanic isolation	no
Ethernet interface, connection type	Socket
Ethernet interface, connection system	RJ45
Ethernet interface, transmission rate	10/100 Mbit/s
Ethernet interface, function	Parameterisation and commissioning
Ethernet interface, protocol	Modbus® TCP
Ethernet interface, connection pattern	00995789
Electrical connection output, connection type	2x terminal strip
Electrical connection output, connector system	Spring-loaded terminal
Electrical connection output, number of connections/cores	8
Electrical connection output, connection pattern	00997304
Electrical connection for output, conductor cross section	0.08 mm ² ... 0.5 mm ²
Electrical connection output, function	Switching output
CE mark (see declaration of conformity)	To EU EMC Directive To EU Low Voltage Directive
CE marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Storage temperature	-20 °C ... 70 °C
Relative air humidity	0 - 95% Non-condensing
Degree of protection	IP20
Ambient temperature	0 °C ... 50 °C
Approval	RCM trademark
Nominal altitude of use	≤ 2000 m NHN
Product weight	98 g
Type of mounting	With through-hole
Housing colour	Black
Material housing	PA
Note on materials	RoHS-compliant