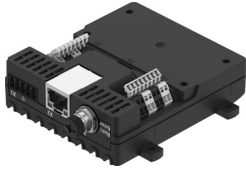


Valve control module VAEM-V-S8EPRS2

Part number: 8088772

FESTO



 General operating condition

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 Output short circuit/overload Parameterization error Load supply undervoltage
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
Trigger level	Level 14 V ... 24 V
Load voltage range DC	8 V ... 24 V
Max. no. 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
Pick-up time	≤100 ms
Time resolution	0.2 ms
Nominal operating voltage DC	24 V
Contamination level	2
Permissible voltage fluctuations	+/- 10 %
Power supply, function	Digital trigger input Power supply
Power supply, type of connection	Plug
Power supply, connection technology	Circuit board connector, RM 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 as per EN 61076-2-104
Communication interface, number of pins/wires	4
Communication interface, connection pattern	00991872
Communication interface, function	Parameterization 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 technology	RJ45
Ethernet interface, transmission rate	10/100 Mbit/s
Ethernet interface, function	Parameterization and commissioning
Ethernet interface, protocol	Modbus® TCP
Ethernet interface, connection pattern	00995789
Electrical connection output, connection type	2x terminal strip
Electrical connection output, connection technology	Spring-loaded terminal
Electrical output connection, number of pins/wires	8
Electrical connection for 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 marking (see declaration of conformity)	As per EU EMC directive As per EU low voltage directive
UKCA marking (see declaration of conformity)	To UK RoHS instructions
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
Corrosion resistance class (CRC)	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Storage temperature	-20 °C ... 70 °C
Relative air humidity	Non-condensing
Degree of protection	IP20
Ambient temperature	0 °C ... 50 °C
Certification	RCM compliance mark
Nominal altitude of use above sea level	≤ 2000 m NHN
Product weight	98 g
Type of mounting	With through-hole
Housing colour	Black
Housing material	PA
Note on materials	RoHS-compliant