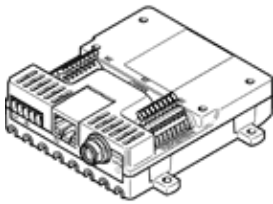


valve control module VAEM-V-S8EPRS2

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 symbol (see declaration of conformity) | according to EU-EMV guideline according to EU low voltage guideline |
| 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 |
| Authorization | RCM Mark |
| Nominal altitude of use | ≤ 2000 m NHN |
| Product weight | 98 g |
| Mounting type | with through hole |
| Housing color | Black |
| Material housing | PA |
| Materials note | Conforms to RoHS |