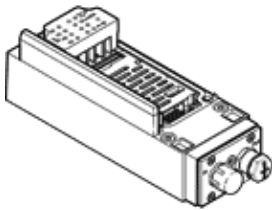


# AS-i module VAEM-S6-S-FAS-8-8E

Part number: 549045

FESTO



## Data sheet

| Feature                                    | Value   |
|--|---|
| Fieldbus interface                         | Socket M12x1/4-pin<br>Plug, M12x, 4-pin   |
| Device-specific diagnostics                | Short-circuit / overload, inputs<br>Undervoltage<br>Via periphery error:                            |
| Assembly position                          | Any   |
| Max. number of valve positions             | 4 with bistable valves<br>8 with monostable valves  |
| Max. number of solenoid coils              | 8   |
| Polarity protected                         | For all operating voltage connections   |
| Control elements                           | DIL switches  |
| Number of slaves per device                | 2   |
| DC operating voltage, AS interface         | 26.5 ... 31.6 V   |
| Note regarding load voltage                | Via load voltage connection (24 V DC)   |
| Load voltage range DC                      | 21.6 ... 26.4 V   |
| Maximum number of outputs                  | 8   |
| Maximum number of inputs                   | 8   |
| Nominal DC operating voltage, AS interface | 26.5 V  |
| Nominal voltage DC                         | 24 V  |
| Nominal operating voltage DC               | 24 V  |
| Residual ripple, AS interface              | $\leq 20$ mVss  |
| Residual ripple, load voltage              | 4 Vss   |
| Switching level                            | Signal 0: $\leq 5$ V<br>Signal 1: $\geq 11$ V   |
| Permissible voltage fluctuation            | +/- 10 %  |
| CE mark (see declaration of conformity)    | to EU directive for EMC<br>to EU directive low-voltage devices                                      |
| Corrosion resistance classification CRC    | 0 - No corrosion stress   |
| PWIS conformity                            | VDMA24364-B1/B2-L   |
| Storage temperature                        | -20 ... 60 °C   |
| Relative air humidity                      | 0 - 90 %  |
| Protection class                           | IP65<br>in assembled condition  |
| Ambient temperature                        | -5 ... 50 °C  |
| Product weight                             | 300 g   |
| Electrical connection                      | Fieldbus  |
| Input circuit logic                        | PNP (positive-switching)  |
| Electrical connection                      | via CPX   |
| Addressing range                           | 1 ... 31 (0)<br>Adjustment via AS interface addressing device                                       |
| Electrical isolation, fieldbus interface   | Optocoupler   |
| Bus-specific LED display                   | ASi: AS interface operating mode<br>Aux/Pwr: AS interface power supply<br>Fault: AS interface error |
| Product-specific LED display               | 0 ... 7: switching status at inputs<br>12/14: switching status at valves (on valve)                 |

| <b>Feature</b>   | <b>Value</b>     |
|------------------|------------------|
| Product ID       | ID1=Fh<br>ID2=Eh |
| Material seals   | NBR<br>PUR       |
| Material housing | PA               |
| Materials note   | Conforms to RoHS |