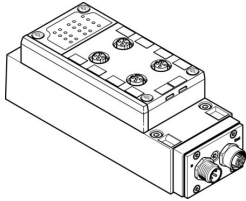


# AS-i module VAEM-S6-S-FAS-4-4E

Part number: 549044

FESTO



 General operating condition

## Data sheet

Feature	Value
Field bus interface	Socket, M12x1, 4-pin Plug connector, M12x1, 4-pin
Device-specific diagnostics	Short circuit/overload of inputs Undervoltage Via peripherals error:
Mounting position	optional
Max. number of valve positions	2 with bistable valves 4 with monostable valves
Max. number of valve coils	4
Reverse polarity protection	For all electrical operating voltage connections
Operator controls	DIL switch
Number of slaves per device	1
Operating voltage DC AS-interface	26.5 V ... 31.6 V
Note on load voltage	Via load voltage connection (24 V DC)
Load voltage range DC	21.6 V ... 26.4 V
Max. number of outputs	4
Max. number of inputs	4
Nominal DC operating voltage, AS-interface	26.5 V
Nominal load voltage DC	24 V
Nominal operating voltage DC	24 V
Residual ripple, AS interface	$\leq 20$ mVpp
Residual ripple, load voltage	4 Vpp
Switching level	Signal 0: $\leq 5$ V Signal 1: $\geq 11$ V
Permissible voltage fluctuations	+/- 10 %
CE mark (see declaration of conformity)	To EU EMC Directive To EU Low Voltage Directive
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-20 °C ... 60 °C
Relative air humidity	0 - 90%
Degree of protection	IP65 In assembled state
Ambient temperature	-5 °C ... 50 °C
Product weight	300 g
Electrical control	Fieldbus
Switching logic for inputs	PNP (positive switching)
Electrical connection	Via CPX

Feature	Value
Addressing range	1 ... 31 (0) Set using AS-Interface addressing device
Electrical isolation fieldbus interface	Optocoupler
LED display, bus-specific	AS-i: AS-Interface mode Aux/Pwr: AS-Interface power supply Fault: AS-Interface fault
LED display, product-specific	0 ... 7: Switching status of inputs 12/14: switching status of valves (on valve)
Product identification	ID1=Fh ID2=Eh IO code: 7h Profile: S-7.A.7
Material seals	NBR PUR
Material housing	PA
Note on materials	RoHS-compliant