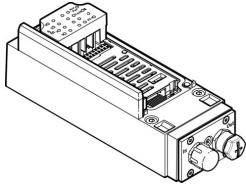


# AS-i module VAEM-S6-S-FAS-8-8E

Part number: 549045

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	Any
Max. number of valve positions	4 with double solenoid valves 8 with single solenoid valves
Max. number of valve coils	8
Reverse polarity protection	For all electrical operating voltage connections
Operator controls	DIL switch
Number of slaves per device	2
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	8
Max. number of inputs	8
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 Vss
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 mounted 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

<b>Feature</b>	<b>Value</b>
Addressing range	1 ... 31 (0) Set using AS-Interface addressing device
Electrical isolation fieldbus interface	Optocoupler
LED display, bus-specific	AS-i: AS-Interface operation Aux/Pwr: AS-Interface power supply Fault: AS-Interface error
LED display, product-specific	0 ... 7: Switching status of inputs 12/14: switching status of valves (on valve)
Product identification	ID1=Fh ID2=Eh
Material seals	NBR PUR
Material housing	Process automation
Note on materials	RoHS compliant