

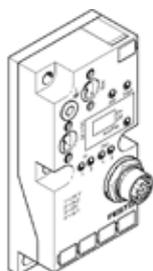
AS-i module

ASI-EVA-2E2A-M12-8POL-Z

Part number: 197070

FESTO

AS interface for cylinder-valve combination DNCV



Data sheet

Feature	Value
Polarity protected	for operating voltage
Baud rate	Adjustment via DIL switch
DC operating voltage, AS interface	26.5 ... 31.6 V
DC operating voltage, load voltage	21.6 ... 26.4 V
Operating voltage range DC	26.5 ... 31.6 V
Debouncing time, inputs	3 ms
Note regarding load voltage	Can be configured with integrated DIL switches: Via AS-interface connection (bus) Via load voltage connection (24 V DC)
Maximum number of inputs	8
Nominal DC operating voltage, AS interface	26.5 V
Nominal operating voltage DC	24 V
Residual ripple	4 V _{ss}
Residual ripple, AS interface	20 mV _{ss}
Residual ripple, load voltage	4 V _{ss}
Switching level	Signal 0: ≤ 5 V Signal 1: ≥ 11 V
Current consumption with power supplied from AS interface and load voltage connection	Inputs: 200 mA Electronics: 20 mA Valves: 240 mA (depends upon valve type)
Current consumption with power supplied from AS interface connection	Electronics: 20 mA Inputs and valves: 200 mA (depending upon valve type)
Current consumption at nominal operating voltage, logic	≤ 100 mA
Current consumption at nominal operating voltage	≤ 20 mA
CE mark (see declaration of conformity)	to EU directive for EMC
Storage temperature	-20 ... 70 °C
Protection class	IP65
Ambient temperature	-5 ... 50 °C
Authorisation	c UL us - Recognized (OL)
Product weight	200 g
Compact data model	16 outputs
Input circuit logic	PNP (positive-switching)
Electrical isolation, fieldbus interface	Optocoupler
Bus-specific LED display	ASi: AS interface operating mode Aux/Pwr: AS interface power supply Fault: AS interface error
Product-specific LED display	Bus status and load supply
Mounting type	with through hole
Materials information for cover	PA-reinforced
Materials information for seals	NBR
Materials information, housing	PA-reinforced