

Electrical interface

VMPA-ASI-EPL-G-4E4A-Z

Part number: 546989

FESTO



Data sheet

Feature	Value
Dimensions W x L x H	85 mm x 122,9 mm x 55,1 mm
Fieldbus interface	Socket, M12 (ASI Out) Plug connector, M12 (ASI In)
Device-specific diagnostics	ASI voltage ASI address Watchdog / EA-Status Additional power supply not applied or undervoltage
Max. number of valve positions	4
Input response delay	Typical: 3 ms at 24 V
Number of slaves per device	1
Operating voltage range for DC electronics/sensors	US+ / US- : \leq AS-interface bus voltage - 2.5V
DC operating voltage, AS interface	26.5 ... 31.6 V
DC operating voltage, load voltage	21.6 ... 26.4 V
Note regarding load voltage	Via load voltage connection (24 V DC)
Logic level of digital inputs	ON: 11 - 30V OFF: -30 - 5V
Maximum number of inputs	4
Residual ripple, AS interface	\leq 20 mVss
Residual ripple, load voltage	4 Vss
Current consumption with power supplied from AS interface and load voltage connection	Max. residual current inputs 350mA Max. residual current outputs MPA12: 270 mA Max. residual current outputs MPA2: 533 mA
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	-20 ... 40 °C
Protection class	IP20
Ambient temperature	-5 ... 50 °C
Product weight	360 g
Input characteristics	Per IEC 1131-2, type 02
Input circuit logic	PNP (positive-switching)
Addressing range	1 ... 31
Bus-specific LED display	ASI: AS interface operating mode Aux/Pwr: AS interface power supply Fault: AS interface error
Product-specific LED display	Signal to input/output
Product ID	ID-Code: ID=Fh, ID1=Fh, ID2=Eh IO-Code: 7h Profile: S-7.F.E
Mounting type	with through hole with top-hat rail Optional
Material housing	Aluminum die cast PA
Materials note	Conforms to RoHS