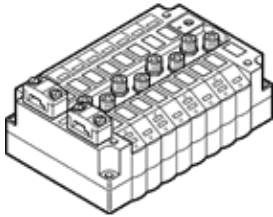


electrical interface

CPV14-GE-ASI-8E8A-Z-M8-CE

Part number: 552562

FESTO



Data sheet

Feature	Value
Fieldbus interface	AS interface: flat cable plug Load voltage: flat cable plug
Device-specific diagnostics	Short-circuit / overload, inputs
Max. number of valve positions	8
Max. number of solenoid coils	8
Polarity protected	For all operating voltage connections
Number of slaves per device	2
DC operating voltage, AS interface	26.5 ... 31.6 V
Debouncing time, inputs	3 ms
Note regarding load voltage	Via load voltage connection (24 V DC)
Load voltage range DC	21.6 ... 26.4 V
Maximum number of inputs	8
Nominal DC operating voltage, AS interface	26.5 V
Nominal voltage DC	24 V
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: 40 mA Valves: 460 mA (depending on valve type)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Storage temperature	-20 ... 70 °C
Relative air humidity	0 - 95 % non-condensing
Protection class	IP65 in assembled condition
Ambient temperature	-5 ... 50 °C
Input characteristics	Per IEC 1131-2, type 02
Input circuit logic	PNP (positive-switching)
Addressing range	1A ... 31A (0) 1B ... 31B Adjustment via AS interface addressing device
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	0 ... 7: switching status at inputs 12/14: switching status at valves (on valve)
Product ID	ID-Code: ID=Ah, ID1=7h, ID2=7h IO-Code: 7h Profile: S-7.A.7
Material cover	PA-reinforced
Material seals	CR NBR
Material housing	Aluminium die cast
Materials note	Conforms to RoHS