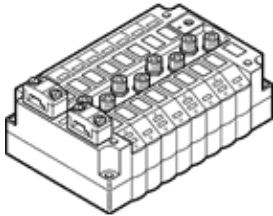# Electrical interface
CPV14-GE-ASI-8E8A-Z-M8-CE
Part number: 552562
Classic - do not use for new projects

Modern alternatives can be found by entering the first four characters
of the type code in the search field.

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 mVss
Residual ripple, load voltage	4 Vss
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
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	-20 ... 70 °C
Relative air humidity	0 - 95 %
	non-condensing
Protection class	IP65
	in assembled condition
Ambient temperature	-5 ... 50 °C
Product weight	346 g
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

Feature	Value
	IO-Code: 7h
	Profile: S-7.A.7
Material cover	PA-reinforced
Material seals	CR
	NBR
Material housing	Aluminum die cast
Materials note	Conforms to RoHS