

Electrical interface CPV14-GE-ASI-4E4A-Z-M8-CE

Part number: 552561

FESTO



 General operating condition

Data sheet

Feature	Value
Field bus interface	AS-Interface: flat cable plug Load voltage: flat cable plug
Device-specific diagnostics	Short circuit/overload of inputs
Max. number of valve positions	4
Max. number of valve coils	4
Reverse polarity protection	For all electrical operating voltage connections
Number of slaves per device	1
Operating voltage DC AS-interface	26.5 V ... 31.6 V
Debounce time for inputs	3 ms
Note on load voltage	Via load voltage connection (24 V DC)
Load voltage range DC	21.6 V ... 26.4 V
Max. number of inputs	4
Nominal DC operating voltage, AS-interface	26.5 V
Nominal load voltage DC	24 V
Residual ripple, AS interface	20 mVpp
Residual ripple, load voltage	4 Vpp
Switching level	Signal 0: ≤ 5 V Signal 1: ≥ 11 V
Current consumption with load supply from AS-interface connection and load voltage connection	Inputs: 200 mA Electronics: 20 mA Valves: 175 mA (depending on valve type)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-20 °C ... 70 °C
Relative air humidity	0 - 95% Non-condensing
Degree of protection	IP65 In assembled state
Ambient temperature	-5 °C ... 50 °C
Product weight	233 g
Characteristic for inputs	To IEC 1131-2, type 02
Switching logic for inputs	PNP (positive switching)
Addressing range	1A ... 31A (0) 1B ... 31B Set using AS-Interface addressing device
Electrical isolation fieldbus interface	Optocoupler

Feature	Value
LED display, bus-specific	AS-i: AS-Interface mode Aux/Pwr: AS-Interface power supply Fault: AS-Interface fault
LED display, product-specific	0 ... 3: Switching status of inputs 12/14: switching status of valves (on valve)
Product identification	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	Die-cast aluminium
Note on materials	RoHS-compliant