Command unit
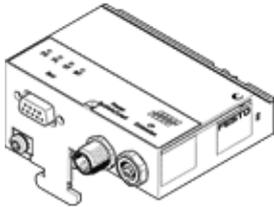## CPASC1-AE32-DP

Part number: 541918
Product to be discontinued

Type to be discontinued. Available until 2014. See Support Portal for alternative products.

FESTO

Data sheet

Feature	Value
Width	90 mm
Height	54 mm
Length	80 mm
CP string extension	32 inputs
	32 outputs
Fieldbus interface	Sub-D, 9-pin, socket
Device-specific diagnostics	ConditionMonitoring
	Missing module in CP string
	Short circuit / overload, outputs
	Short circuit / overload, inputs
	Undervoltage, valve manifold (extension)
	Undervoltage, output module
	Undervoltage, sensor supply power
	Undervoltage, valve manifold
Communication types	DPV0: cyclical communication
Configuration support	EDS file and graphic symbol
Max. number of solenoid coils	32
Parameters configuring	Parameterization via GSD file
Polarity protected	For all operating voltage connections
Additional functions	Condition Counter
	Tool change function
Control elements	DIL switch for setting the CP configuration
	rotary switch for setting the station number and baud rate
Baud rate	9,6 kBit/s … 12 Mbit/s
	Automatic detection
Operating voltage range, DC electronics/sensors	20.4 … 26.4 V
Load voltage range DC	20.4 … 26.4 V
Nominal voltage DC	24 V
Power failure buffering	20 ms
Protocol	Profibus
Residual ripple	4 Vss
Residual ripple, load voltage	4 Vss
Current consumption at nominal operating voltage, load	Depends upon valve type and number of valves
Current consumption at nominal operating voltage	Electronics: <= 200 mA
	Sensor supply power: depends upon sensor
Corrosion resistance classification CRC	0
Storage temperature	-20 … 50 °C
Relative air humidity	90% at 50° C
	non-condensing
Protection against direct and indirect contact	PELV
Protection class	IP40
	to IEC 60529
Ambient temperature	-5 … 50 °C

Feature	Value
Product weight	200 g
Addressing range	0 ... 125 Setting with rotary switch
Electrical isolation, fieldbus interface	Optocoupler
Bus-specific LED display	BF: Bus-Fault
Product-specific LED display	PL: load supply PS: electronics supply power, sensor supply power SF: system error
Mounting type	Optional with through hole with top-hat rail
Materials information, housing	PA-reinforced