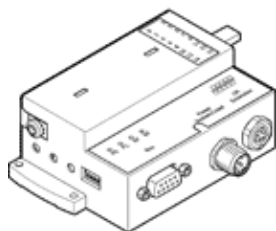


# control unit CPVSC1-AE16-DP

Part number: 541919  
Product to be discontinued

FESTO



## Data sheet

Feature	Value
Width	78 mm
Height	40 mm
Length	113 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 terminal (extension) Undervoltage, output module Undervoltage, sensor supply power Undervoltage, valve terminal
Communication types	DPV0: cyclical communication
Max. number of solenoid coils	16
Parameters configuring	Parametrisation 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 V <sub>ss</sub>
Residual ripple, load voltage	4 V <sub>ss</sub>
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 - No corrosion stress
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
Product weight	200 g
Addressing range	0 ... 125 Setting with rotary switch
Electrical isolation, fieldbus interface	Optocoupler

<b>Feature</b>	<b>Value</b>
Bus-specific LED display	BF: Bus-Fault
Product-specific LED display	PL: load supply PS: Electronics supply, sensor supply SF: system error
Mounting type	Optional with through hole with top-hat rail
Material housing	PA-reinforced
Materials note	Conforms to RoHS