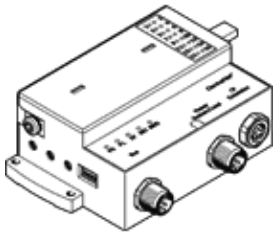


# Command unit CPVSC1-AE16-DN

Part number: 538654

FESTO



## Data sheet

Feature	Value
Width	78 mm
Height	40 mm
Length	113 mm
CP string extension	16 inputs 8 outputs (or 16 valves)
Fieldbus interface	M12x1, 5-pin, A coded
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	Change of State Explicit Message Polling Strobbled I/O
Configuration support	EDS file and graphic symbol
Max. number of solenoid coils	16
Parameters configuring	Configuring interface for modules and system parameters Online in run and program mode In plain text (EDS)
Polarity protected	For all operating voltage connections
Additional functions	Condition Counter
Control elements	DIL switch for setting the CP configuration rotary switch for setting the station number and baud rate
Baud rate	125, 250, 500 kBit/s Adjustment via DIL switch
Operating voltage range, DC electronics/sensors	20.4 ... 26.4 V
DC operating voltage, load voltage	20.4 ... 26.4 V
Nominal DC operating voltage, load voltage	24 V
Power failure buffering	20 ms
Protocol	DeviceNet
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
Storage temperature	-20 ... 50 °C
Relative air humidity	90% at 50 °C non-condensing
Protection against direct and indirect contact	PELV
Protection class	IP20 to IEC 60529
Ambient temperature	-5 ... 50 °C

<b>Feature</b>	<b>Value</b>
Authorisation	c UL us - Recognized (OL)
Product weight	200 g
Addressing range	0 ... 63 Setting with rotary switch
Electrical isolation, fieldbus interface	Optocoupler
Bus-specific LED display	MOD: module status NET: network status
Product-specific LED display	PL: load supply PS: electronics supply power, sensor supply power SF: system error
Product ID	product type: pneumatic valve (27 dec.) Product code: 4736 dez.
Mounting type	Optional with through hole with top-hat rail
Materials information, housing	PA-reinforced
Materials note	Conforms to RoHS