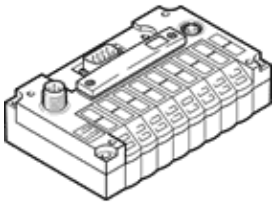# Electrical interface
CPV18-GE-DN2-8
Part number: 525880
Product to be discontinued

Data sheet

Feature	Value
CP string extension	Yes 16 inputs 8 outputs (or 16 valves)
Fieldbus interface	Optional - 5-pin screw terminal strip - Socket and plug, M12x1, 5-pin, A coded - 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	Change of State Polling Strobbed I/O
Configuration support	EDS file and graphic symbol
Maximum number of solenoid coils with string extension	32
Max. number of solenoid coils	16
Polarity protected	For all operating voltage connections
Additional functions	Condition Counter
Baud rate	125, 250, 500 kBit/s Adjustment via switch module
Operating voltage range DC	20.4 ... 26.4 V
Maximum number of outputs	8 (16 solenoid coils eliminated)
Maximum number of inputs	16
Nominal operating voltage DC	24 V
Power failure buffering	20 ms
Residual ripple	4 Vss
Current consumption at nominal operating voltage, load	Depending on valve type
Current consumption at nominal operating voltage	Electronics: <= 200 mA Sensor supply power: depends upon sensor
Storage temperature	-20 ... 70 °C
Protection class	IP20 IP65
Ambient temperature	-5 ... 50 °C
Authorization	c UL us - Recognized (OL)
Addressing range	0 ... 63 Adjustment via switch module
Fieldbus certification	ODVA
Electrical isolation, fieldbus interface	Optocoupler
Bus-specific LED display	MNS: DeviceNet Status
Product-specific LED display	12/14: switching status at valves

Feature	Value
	PS: operating voltage for electronics and load supply
Product ID	product type: pneumatic valve (27 dec.)
	Product code: 8942 dec.
Material cover	PA-reinforced
Material seals	CR
	NBR
Material housing	Aluminum die cast
Materials note	Conforms to RoHS