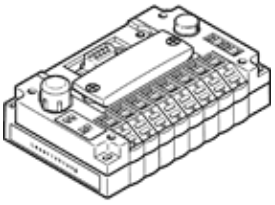
Electrical interface
CPV10-GE-DI02-8

Part number: 546188
Classic - do not use for new projects

Modern alternatives can be found by entering the first four characters of the type code in the search field.



Data sheet

Feature	Value
CP string extension	Yes 32 inputs 32 outputs
Fieldbus interface	Optional Socket and plug, M12x1, 5-pin, B-coded Sub-D, 9-pin, socket
Device-specific diagnostics	via device-relating diagnosis (DPV0) Missing module on CP string extension Short circuit / overload, outputs Undervoltage, outputs Undervoltage, sensor supply power Undervoltage, valves
Communication types	Cyclical communication
Configuration support	DDB file and bitmaps
Maximum number of solenoid coils with string extension	48
Max. number of solenoid coils	16
Polarity protected	for all electrical connections
Baud rate	9,6 kBaud ... 12 MBaud Automatic detection
Operating voltage range DC	20.4 ... 26.4 V
Maximum number of outputs	16 solenoid coils and 32 outputs 48 valve coils
Maximum number of inputs	32
Nominal operating voltage DC	24 V
Power failure buffering	10 ms
Residual ripple	4 Vss
Current consumption at nominal operating voltage, load	Depending on valve type
Current consumption at nominal operating voltage	Electronics: <= 100 mA Sensor supply power: depends upon sensor
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	-20 ... 70 °C
Protection class	IP65
Ambient temperature	-5 ... 50 °C
Authorization	c UL us - Recognized (OL)
Product weight	196 g
Addressing range	1 ... 125 Adjustment via switch module
Fieldbus certification	PNO
Electrical isolation, fieldbus interface	Optocoupler
Bus-specific LED display	BUS: communication and configuration errors
Product-specific LED display	12/14: switching status at valves POWER: operating voltage for electronics and load supply

Feature	Value
Product ID	Product range: 4: valves
Material cover	PA-reinforced
Material seals	CR NBR
Material housing	Aluminum die cast
Materials note	Conforms to RoHS