Electrical interface
CPV10-GE-DI01-8

Part number: 165809

Data sheet

Feature	Value
CP string expansion	Yes 16 inputs 8 outputs (or 16 valves)
Field bus interface	Either: Socket and plug, M12x1, 5-pin, B-coded Sub-D, 9-pin, socket
Device-specific diagnostics	Via device-specific diagnostics (DPV0) Missing module on CP string extension Short circuit/overload, outputs Undervoltage of outputs Undervoltage of sensor supply Undervoltage of valves
Types of communication	Cyclic communication
Configuration support	GSD file and bitmaps
Max. number of valve coils with string expansion	32
Max. number of valve coils	16
Reverse polarity protection	For all electrical connections
Baud rate	9.6 kBaud ... 12 MBaud Automatic detection
Operational voltage range DC	20.4 V...26.4 V
Max. number of outputs	(16 solenoid coils omitted) 8
Max. number of inputs	16
Nominal operating voltage DC	24 V
Power failure bridging	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: dependent on sensor
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-20 °C...70 °C
Degree of protection	IP65
Ambient temperature	-5 °C...50 °C
Approval	c UL us - Recognised (Oil)
Product weight	240 g

Feature	Value
Addressing range	1 ... 125 Set using switch module
Fieldbus certification	PNO
Electrical isolation fieldbus interface	Optocoupler
LED display, bus-specific	BUS: Communication and configuration errors
LED display, product-specific	12/14: Valve switching status POWER: Operating voltage for electronics and load supply
Product identification	Product family: 4: Valves
Material cover	Reinforced PA
Material seals	CR NBR
Material housing	Die-cast aluminium
Note on materials	RoHS compliant