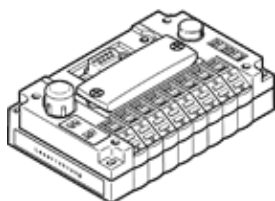


Electrical interface CPV14-GE-CS02-8

Part number: 546196

FESTO



Data sheet

Feature	Value
CP string extension	Yes 32 inputs 32 outputs
Fieldbus interface	- 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
Maximum number of solenoid coils with string extension	48
Max. number of solenoid coils	16
Polarity protected	for all electrical connections
Baud rate	187,5 kBaud
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
Protocol	ABB CS31
Residual ripple	4 V _{ss}
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
Storage temperature	-20 ... 70 °C
Protection class	IP20 IP65
Ambient temperature	-5 ... 50 °C
Authorization	c UL us - Recognized (OL)
Addressing range	1 ... 125 Adjustment via switch module
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
Materials information for cover	PA-reinforced
Materials information for seals	CR NBR
Materials information, housing	Aluminum die cast
Materials note	Conforms to RoHS