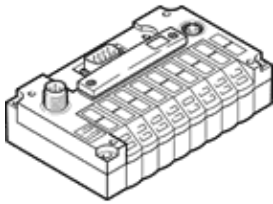


electrical interface

CPV10-GE-DN2-8

Part number: 525630
Product to be discontinued

FESTO



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 terminal (extension) Undervoltage, output module Undervoltage, sensor supply power Undervoltage, valve terminal |
| Communication types | Change of State Polling Strobbled 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 electrical 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 V _{ss} |
| 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 |
| Authorisation | 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 | Aluminium die cast |
| Materials note | Conforms to RoHS |