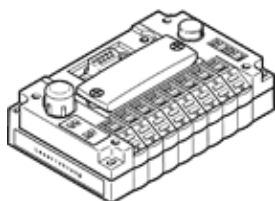


Electrical interface CPV14-GE-CS02-8

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 |
| Authorisation | 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 | Aluminium die cast |
| Materials note | Conforms to RoHS |