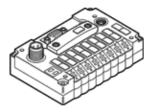
## Electrical interface CPV14-GE-DI01-8 Part number: 165811

Part number: 165811





## Data sheet

| Feature  | Value  |
|--|--|
| CP string extension                                    | Yes  |
|  | 16 inputs  |
|  | 8 outputs (or 16 valves)                                 |
| 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 | 32   |
| Max. number of solenoid coils                          | 16   |
| Polarity protected                                     | for all electrical connections                           |
|  | 9.6 kBaud 12 Mbaud                                       |
| Baud rate  |  |
| 0 " " "  | Automatic detection                                      |
| 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                                | 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                 |
| Storage temperature                                    | -20 70 °C  |
| Protection class                                       | IP65   |
| Ambient temperature                                    | -5 50 °C   |
| Authorization  | c UL us - Recognized (OL)                                |
| 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 |
| Product ID   | Product range: 4: valves                                 |
| Material cover   | PA-reinforced  |
| Material seals   | CR   |
|  | NBR  |
| Material housing                                       | Aluminum die cast  |
| Materials note   | Conforms to RoHS   |
| materiale field  | Comernie to Norio  |