

Electrical interface CPV14-GE-ASI-4E4A-Z-M8-CE

Part number: 552561

FESTO



 General operating condition

Data sheet

| Feature | Value |
|---|--|
| Field bus interface | AS-Interface: flat cable plug Load voltage: flat cable plug |
| Device-specific diagnostics | Short circuit/overload of inputs |
| Max. number of valve positions | 4 |
| Max. number of valve coils | 4 |
| Reverse polarity protection | For all electrical operating voltage connections |
| Number of slaves per device | 1 |
| Operating voltage DC AS-interface | 26.5 V ... 31.6 V |
| Debounce time for inputs | 3 ms |
| Note on load voltage | Via load voltage connection (24 V DC) |
| Load voltage range DC | 21.6 V ... 26.4 V |
| Max. number of inputs | 4 |
| Nominal DC operating voltage, AS-interface | 26.5 V |
| Nominal load voltage DC | 24 V |
| Residual ripple, AS interface | 20 mVpp |
| Residual ripple, load voltage | 4 Vpp |
| Switching level | Signal 0: Signal 1: |
| Current consumption with load supply from AS-interface connection and load voltage connection | Inputs: 200 mA Electronics: 20 mA Valves: 175 mA (depending on valve type) |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | -20 °C ... 70 °C |
| Relative air humidity | 0 - 95% Non-condensing |
| Degree of protection | IP65 In assembled state |
| Ambient temperature | -5 °C ... 50 °C |
| Product weight | 233 g |
| Characteristic for inputs | To IEC 1131-2, type 02 |
| Switching logic for inputs | PNP (positive switching) |
| Addressing range | 1A ... 31A (0) 1B ... 31B Set using AS-Interface addressing device |
| Electrical isolation fieldbus interface | Optocoupler |

| Feature | Value |
|-------------------------------|--|
| LED display, bus-specific | AS-i: AS-Interface mode Aux/Pwr: AS-Interface power supply Fault: AS-Interface fault |
| LED display, product-specific | 0 ... 3: Switching status of inputs 12/14: switching status of valves (on valve) |
| Product identification | ID code: ID=Ah, ID1=7h, ID2=7h IO code: 7h Profile: S-7.A.7 |
| Material cover | PA-reinforced |
| Material seals | CR NBR |
| Material housing | Die-cast aluminium |
| Note on materials | RoHS-compliant |