

Input/output module CPX-2ZE2DA

Part number: 576046

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|--|
| Dimensions W x L x H | 50 mm x 107 mm x 50 mm |
| Width dimension | 50 mm |
| Product weight | 130 g |
| Ambient temperature | -5 °C ... 50 °C |
| Storage temperature | -20 °C ... 70 °C |
| Degree of protection | IP65 IP67 |
| Corrosion resistance class (CRC) | (installed) |
| Max. cable length | 30 m |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Certification | UL - Recognized (OL) |
| Note on materials | RoHS compliant |
| Housing material | Polymer |
| LED indicators | 1 group diagnostics 10 channel status 2 module diagnostics 2 channel diagnostics |
| Diagnostics | Operating-mode-dependent diagnostics |
| No. of outputs | 2 |
| Parameterization | On/off delay Frequency output Speed measurement Pulse output Pulse train Rotational speed measurement Frequency measurement Period duration measurement Motor operating mode Position determination Pulse width modulation One-off counting Infinite counting Periodic counting |
| DC operating voltage range | 18 V ... 30 V |
| Nominal operating voltage DC | 24 V |
| Intrinsic current consumption at nominal operating voltage | Type. 35 mA |
| No. of inputs | 2 |
| Input characteristics | As per IEC 1131-2, type O2 |
| Switching level | Signal 0: ≤ 5 V Signal 1: ≥ 11 V |
| Input switching logic | PNP (positive switching) |

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|---|--|
| Input debounce time | 0.1 μ s (0.2 μ s,0.4 μ s,0.8 μ s,1 μ s,2 μ s,4 μ s,8 μ s,10 μ s,50 μ s,100 μ s,500 μ s,1ms,3ms,10ms,20ms parameterizable) |
| Max. residual current of inputs per module | 2 A |
| Characteristic curve outputs | IEC1131-T2 |
| Switching logic at outputs | NPN (negative switching) PNP (positive switching) Push-pull driver |
| Max. residual current of outputs per module | 10 A |
| Max. power supply per channel | 5 A adjustable (20 W lamp load) |
| Electrical isolation between channels | No |
| Electrical isolation between channel and internal bus | Outputs - yes, when using an intermediate supply |
| Fuse protection (short circuit) | Internal electronic fuse per channel |