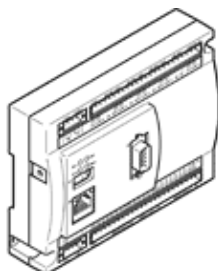


Controls CECC-LK

Part number: 574418

FESTO



Data sheet

| Feature | Value |
|--|--|
| Corrosion resistance classification CRC | 0 - No corrosion stress |
| Authorization | RCM Mark |
| Materials note | Conforms to RoHS |
| Operating voltage | 19,2 - 30 VDC |
| Current consumption | 100 mA nominal at 24 VDC |
| Ambient temperature | 0 ... 55 °C |
| Storage temperature | -25 ... 70 °C |
| Relative air humidity | 95 % non-condensing |
| Protection class | IP20 |
| Safety class | III |
| Product weight | 200 g |
| Test for insensitivity to vibration | to EN 61131-2 |
| Test for insensitivity to shock | to EN 61131-2 |
| Electrical connector technology, I/O | Socket strip, grid 3.5 mm |
| Status displays | LED |
| CPU data | 400 MHz processor |
| Digital inputs, number | 12 |
| Digital inputs, switching logic | Positive logic (PNP) |
| Digital inputs, fast counting inputs | 2, each with max. 180 kHz |
| Digital inputs, input signal delay | 3 ms typ. |
| Digital inputs, input voltage/current | 24 VDC |
| Digital inputs, nominal value for True | >= 15 VDC |
| Digital inputs, nominal value for False | <= 5 VDC |
| Digital inputs, electrical isolation | Yes, via optocoupler |
| Digital inputs, status display | LED |
| Digital inputs, permissible connector cable length | 30 m |
| Digital outputs, number | 8 |
| Digital outputs, switching logic | Positive logic (PNP) |
| Digital outputs, contact | Transistor |
| Digital outputs, output voltage | 24 VDC |
| Digital outputs, output current | 500 mA |
| Digital outputs, electrical isolation | Yes, via optocoupler |
| Digital outputs, switching frequency | max. 1 kHz |
| Digital outputs, short circuit proof | Yes |
| Digital outputs, status display | LED |
| Protocol | CANopen I-Port IO-Link Modbus TCP |
| IO-Link, protocol | Device V 1.0 Master V 1.1 |
| IO-Link, communication mode | Master SIO, COM1 (4,8 kBaud), COM2 (38,4 kBaud), COM3 (230, 4 kBaud) |

| Feature | Value |
|---|--|
| | Device COM1 (4,8 kBaud), COM2 (38,4 kBaud), COM3 (230,4 kBaud) Configurable via software |
| IO-Link, port type | Device A Master B |
| IO-Link, number of ports | Device 1 Master 4 |
| IO-Link, process data width OUT | Master parameterisable, 2 - 32 byte |
| IO-Link, process data width IN | Master parameterisable, 2 - 32 byte |
| IO-Link, minimum cycle time | Device 3,2 ms Master 5 ms |
| IO-Link, memory | 2 kByte / Port |
| IO-Link master, output current | 3,5 A / Port |
| IO-Link, connection technology | Cage Clamp Plug Master 5-pin Device, 3-pin |
| IO-Link, communication | C/Q green LED C/Q red LED |
| IO-Link, ready status display | L+ green LED on L+ green LED off |
| Fieldbus interface | CAN-Bus |
| Fieldbus interface, connection technology | Plug Sub-D 9-pin |
| Fieldbus interface, transmission rate | 125, 250, 500, 800, 1000kbit/s Adjustable via software |
| Fieldbus interface, electrical isolation | Yes |
| USB interface | USB 1.1 |
| Ethernet, connector plug | RJ45 |
| Ethernet, number | 1 |
| Ethernet, data transmission speed | 10/100 Mbit/s |
| Ethernet, supported protocols | TCP/IP, EasyIP, Modbus TCP |
| Programming software | CODESYS provided by Festo V3 |
| Programming language | To IEC 61131-3 Ladder diagram (LDR) Statement list (STL) Structured text Function chart Sequential function chart |
| CE symbol (see declaration of conformity) | according to EU-EMV guideline |