

Operator unit CDPX-X-E1-W-7

Part number: 8155216

FESTO



 General operating condition

Data sheet

| Feature | Value |
|--|--|
| Width | 187 mm |
| Mounting depth | 47 mm |
| Height | 147 mm |
| Length | 55 mm |
| Max. front panel thickness | 8 mm |
| Real-time clock | Yes |
| Supported PLC protocol | CoDeSys 3.X Modbus RTU client Modbus RTU server Modbus TCP client ModbusTCP server |
| Deviation, real-time clock | < 100 ppm at 25 °C |
| Number of colours | 16 M |
| Display | With backlighting |
| Display type | TFT colour |
| Display characteristics | Touchscreen |
| Display size | 7" |
| Backup battery | Rechargeable lithium battery |
| Operational voltage range DC | 10 V ... 32 V |
| Display resolution | 800x480 pixels |
| Nominal operating voltage DC | 24 V |
| Current consumption at nominal operating voltage | 0.7 A |
| Approval | c UL us listed (OL) |
| CE mark (see declaration of conformity) | To EU EMC Directive In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions |
| LABS (PWIS) conformity | VDMA24364 zone III |
| Storage temperature | -20 °C ... 70 °C |
| Relative air humidity | 5 - 85 % Non-condensing |
| Degree of protection | IP20 IP66 |
| Note on degree of protection | IP66 front |
| Ambient temperature | -20 °C ... 60 °C |
| Note on ambient temperature | for vertical mounting |
| Product weight | 1300 g |
| SD card slot | 1 |
| Additional functions | RS232 communication function |

| Feature | Value |
|---|----------------------------|
| Type of mounting | Front panel mounting |
| Note on materials | RoHS-compliant |
| Ethernet interface, connection type | Socket |
| Ethernet interface, connection system | RJ45 |
| Ethernet interface, number of pins/wires | 8 |
| Ethernet interface, transmission rate | 10/100 Mbit/s 1000 Mbps |
| Ethernet interface, function | Programming |
| Ethernet interface 2, type of connection | 2x socket |
| Ethernet interface 2, connection technology | RJ45 |
| Ethernet interface 2, number of pins/wires | 8 |
| Ethernet interface 2, transmission rate | 10/100 Mbps |
| Ethernet interface 2, function | Programming |
| USB interface, function | File transfer |
| USB interface, type of connection | 2 x socket |
| USB interface, connection technology | USB 2.0 type A |
| Programming software | Designer Studio |
| CPU data | 1 GB RAM |