

# Operator unit CDPX-X-E1-W-7

Part number: 8155216

**FESTO**



## Data sheet

| Feature                                          | Value                                                                                          |
|--------------------------------------------------|------------------------------------------------------------------------------------------------|
| Width                                            | 187 mm                                                                                         |
| Installation depth                               | 47 mm                                                                                          |
| Height                                           | 147 mm                                                                                         |
| Length                                           | 55 mm                                                                                          |
| Max. front panel thickness                       | 8 mm                                                                                           |
| Real-time clock                                  | Yes                                                                                            |
| Supported PLC protocols                          | CODESYS 3.X<br>ModbusRTU Client<br>Modbus RTU server<br>Modbus TCP Client<br>Modbus TCP server |
| Real-time clock deviation                        | <100 ppm at 25°C                                                                               |
| Number of colors                                 | 16 M                                                                                           |
| Display                                          | With backlighting                                                                              |
| Display type                                     | Color TFT                                                                                      |
| Display properties                               | Touchscreen                                                                                    |
| Display size                                     | 7"                                                                                             |
| Backup battery                                   | Rechargeable lithium battery                                                                   |
| DC operating voltage range                       | 10 V...32 V                                                                                    |
| Display resolution                               | 800x480 pixels                                                                                 |
| Nominal operating voltage DC                     | 24 V                                                                                           |
| Current consumption at nominal operating voltage | 0.7 A                                                                                          |
| Certification                                    | c UL us - Listed (OL)                                                                          |
| CE marking (see declaration of conformity)       | As per EU EMC directive<br>As per EU RoHS directive                                            |
| UKCA marking (see declaration of conformity)     | To UK instructions for EMC<br>To UK RoHS instructions                                          |
| LABS (PWIS) conformity                           | VDMA24364 Zone III                                                                             |
| Storage temperature                              | -20 °C...70 °C                                                                                 |
| Relative air humidity                            | 5 - 85%<br>Non-condensating                                                                    |
| Degree of protection                             | IP20<br>IP66                                                                                   |
| Note on degree of protection                     | IP20 rear                                                                                      |

| Feature                                     | Value                        |
|---------------------------------------------|------------------------------|
|                                             | IP66 front side              |
| 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 |
| Type of mounting                            | Front panel mounting         |
| Note on materials                           | RoHS compliant               |
| Ethernet interface, connection type         | Socket                       |
| Ethernet interface, connection technology   | RJ45                         |
| Ethernet interface, number of poles/wires   | 8                            |
| Ethernet interface, transmission rate       | 10/100 mbps<br>1000 Mbit/s   |
| Ethernet interface, function                | Programming                  |
| Ethernet interface 2, type of connection    | 2x port                      |
| 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, connection type              | 2x port                      |
| USB interface                               | USB 2.0, type A              |
| Programming software                        | Designer Studio              |
| CPU data                                    | 1 GB RAM                     |