

# Operator unit CDPX-X-E2-W-5-EX2

Part number: 8155219

**FESTO**



 General operating condition

## Data sheet

| Feature                                      | Value                                                                                          |
|----------------------------------------------|------------------------------------------------------------------------------------------------|
| Width                                        | 148 mm                                                                                         |
| Mounting depth                               | 17 mm                                                                                          |
| Height                                       | 105 mm                                                                                         |
| Length                                       | 34 mm                                                                                          |
| Max. front panel thickness                   | 17 mm                                                                                          |
| Real-time clock                              | Yes                                                                                            |
| Supported PLC protocol                       | CoDeSys 3.X<br>Modbus RTU client<br>Modbus RTU server<br>Modbus TCP client<br>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                                 | 5"                                                                                             |
| Backup battery                               | Rechargeable lithium battery                                                                   |
| Display resolution                           | 800x480 pixels                                                                                 |
| Electrical power consumption                 | 6 W                                                                                            |
| Approval                                     | c UL us listed (OL)                                                                            |
| CE mark (see declaration of conformity)      | To EU EMC Directive<br>In accordance with 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                          | -30 °C ... 80 °C                                                                               |
| Relative air humidity                        | 5 - 85 %<br>Non-condensing                                                                     |
| Degree of protection                         | IP67                                                                                           |
| Note on degree of protection                 | In assembled state                                                                             |
| Ambient temperature                          | -20 °C ... 55 °C                                                                               |
| Note on ambient temperature                  | for vertical mounting                                                                          |
| Product weight                               | 500 g                                                                                          |
| Type of mounting                             | VESA interface                                                                                 |
| Note on materials                            | RoHS-compliant                                                                                 |
| Ethernet interface, connection type          | Socket                                                                                         |
| Ethernet interface, connection system        | RJ45                                                                                           |

| Feature                                           | Value                           |
|---------------------------------------------------|---------------------------------|
| Ethernet interface, number of pins/wires          | 8                               |
| Ethernet interface, transmission rate             | 10/100 Mbit/s                   |
| Ethernet interface, function                      | Programming<br>Power supply PoE |
| Ethernet interface, specification                 | IEEE 802.3 af/at                |
| USB interface, function                           | File transfer                   |
| USB interface, type of connection                 | Socket                          |
| USB interface, connection technology              | USB 2.0 type A                  |
| Programming software                              | Designer Studio                 |
| CPU data                                          | 1 GB RAM                        |
| Explosion protection certification outside the EU | Class I, Div. 2 (US)            |
| Explosion protection                              | Class I, Div. 2 (US)            |
| Certificate issuing authority                     | UL E239998<br>UL E245518        |