

Operator unit CDPX-X-E1-W-7

Part number: 8155216

FESTO



 General operating condition

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 ModbusRTU Client Modbus® RTU server Modbus® TCP client ModbusTCP 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 As per 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	IP 66 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 technology	RJ45
Ethernet interface, number of poles/wires	8
Ethernet interface, transmission rate	10/100 Mbit/s 1000 Mbit/s
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, connection type	2x socket
USB interface	USB 2.0, type A
Programming software	Designer Studio
CPU data	1 GB RAM