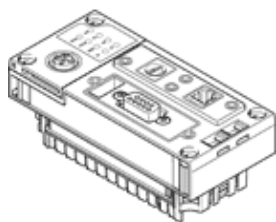


Control block CPX-CEC

Part number: 567346

FESTO

Modular controller Codesys V2.3, Ethernet, serial interfaces.



Data sheet

Feature	Value
Protocol	CODESYS Level 2 EasyIP Modbus TCP TCP/IP
Dimensions W x L x H	50 mm x 107 mm x 55 mm
Product weight	155 g
Ambient temperature	-5 ... 50 °C
Storage temperature	-20 ... 70 °C
Relative air humidity	95 % non-condensing
Protection class	IP65 IP67
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B2-L
Materials note	Conforms to RoHS
Material housing	PA-reinforced PC
Product-specific LED display	ERR: PLC run-time error M= modify / forcing active PL: load supply PS: Electronics supply, sensor supply RUN: PLC Status SF: system error STOP: PLC status
Bus-specific LED display	TP: Link/Traffic
Device-specific diagnostics	Channel and module-oriented diagnostics Undervoltage/short circuit of modules Diagnostics memory
Control elements	Rotary switch for run/stop
IP address selection	DHCP Via CoDeSys Via MMI
Ethernet interface	RJ 45 (socket, 8-pin)
Ethernet, number	1
Ethernet, supported protocols	TCP/IP, EasyIP, Modbus TCP
Ethernet, connector plug	RJ45 Socket 8-pin
Ethernet, data transmission speed	10/100 Mbit/s
Parameters configuring	CODESYS V2.3
Baud rate	10/100 bit/s per IEEE 802.3 (10BaseT) or 802.3u (100BaseTx)
Configuration support	CODESYS V2.3
Additional functions	Diagnostics functions Communication function RS232

Feature	Value
CPU data	32 MB Flash 32 MB RAM 400 MHz processor
Nominal operating voltage DC	24 V
Nominal DC operating voltage, load voltage	Without pneumatics: 18 to 30 V 24 V With Midi/Maxi type pneumatics: 21.6 to 26.4 V With CPA type pneumatics: 20.4 to 26.4 V With MPA type pneumatics: 18 to 30 V
Intrinsic current consumption at operating voltage	Typically 85 mA
Power failure buffering	10 ms
Data Interface	RS 232 interface Sub-D 9-pin, socket 9,6 ... 230,4 kBit/s Electrically isolated
Programming, operating language	DE, EN
Programming language	To IEC 61131-3 Ladder diagram (LDR) Statement list (STL) Structured text Function chart Sequential function chart Additional CFC
Programming, file handling support	Yes
Programming software	CODESYS provided by Festo V2.3
Program memory	4 MB user program
Processing time	Approx. 200 µs/1 k instruction
Functional modules	Read CPX module diagnosis CPX diagnosis status Copy CPX diagnosis trace And others
Flags	30 kB retentive data 8 MB global data memory CoDeSys variable concept