

Control block CPX-CEC-M1-V3

Part number: 3472765

FESTO



Data sheet

Feature	Value
Dimensions (W x L x H)	50 x 107 x 55 mm
Device-specific diagnostics	Channel-oriented and module-oriented diagnostics Undervoltage/short circuit of modules Diagnostic memory
CPU data	256 MB RAM 32 MB flash 800 MHz processor
Parameterisation	CODESYS V3
Total number of axes	31
Configuration support	CODESYS V3
Additional functions	Diagnostic functions SoftMotion functions for electric drives
Operator controls	DIL switch for CAN termination Rotary switch for RUN/STOP
Programming, operating language	DE, EN
Programming, support for file handling	yes
Processing time	Approx. 200 µs/1 k instruction
Intern power consumption nominal operating voltage	Typ. 85 mA
IP address setting	DHCP Via CODESYS Via MMI
Function modules	Read CPX module diagnostics CPX diagnostic status Copy CPX diagnostic trace And others
Flag	28 kB remanent data CODESYS variable concept
Nominal DC operating voltage, load voltage	Without pneumatic components: 18 ... 30 V 24 V With pneumatics type midi/maxi: 21.6 ... 26.4 V With pneumatics type CPA: 20.4 ... 26.4 V With pneumatics type MPA: 18 ... 30 V
Nominal operating voltage DC	24 V
Power failure bridging	10 ms
Programming software	CODESYS provided by Festo
Programming language	To IEC 61131-3 KOP AWL ST FUP AS Additionally CFC

Feature	Value
Program memory	16 MB user program
Corrosion resistance class CRC	2 - Moderate corrosion stress
Storage temperature	-20 °C ... 70 °C
Relative air humidity	95 % Non-condensing
Degree of protection	IP65 IP67
Ambient temperature	-5 °C ... 50 °C
Product weight	135 g
Ethernet, number	1
Ethernet, data transmission rate	10/100 Mbit/s
Ethernet, supported protocols	TCP/IP, EasyIP, Modbus TCP
Ethernet, plug connector	RJ45 Bushing 8-pin
Field bus interface, electrical isolation	yes
Field bus interface, transmission rate	125, 250, 500, 800, 1000 kbit/s Can be set using software
Field bus interface, connection system	Plugs Sub-D 9-pin
Fieldbus interface	CAN bus
Protocol	CODESYS Level 2 EasyIP Modbus® TCP TCP/IP
Control-Interface	CAN bus
Ethernet interface	RJ45 (socket, 8-pin)
LED display, bus-specific	TP: Link/traffic
LED display, product-specific	ERR: PLC runtime error M: Modify/forcing active PL: Load supply PS: Electronics supply, sensor supply RUN: PLC status SF: System fault STOP: PLC status
Note on materials	RoHS-compliant
Material housing	PA-reinforced PC