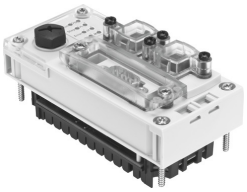
Control block
CPX-CEC-C1-V3

Part number: 3473128



Data sheet

Feature	Value
Dimensions W x L x H	50 mm x 107 mm x 55 mm
Type code	CPX
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
Configuration support	CODESYS V3
Parameterization	CODESYS V3
Total number of axes	127
Additional functions	Diagnostic functions Motion functions for electric actuators
Control elements	DIL switch for CAN termination Rotary switch for RUN/Stop
Programming, operating language	DE, EN
Programming, file handling support	yes
Processing time	Approx. 200 µs/1 k instruction
Intrinsic current consumption at nominal operating voltage	Typ. 85 mA
IP address setting	DHCP Via CODESYS Via MMI
Function blocks	Read CPX module diagnostics CPX diagnostic status Copy CPX diagnostic trace and others
Flag	28 kB remanent data CODESYS variable concept
Nominal operating voltage DC load voltage	Without pneumatics: 18 ... 30V 24 V With midi/maxi pneumatic valves types: 21.6 ... 26.4 V With pneumatic type CPA: 20.4 ... 26.4 V With pneumatics type MPA: 18 ... 30 V
Nominal operating voltage DC	24 V
Power failure buffering	10 ms
Programming software	CODESYS provided by Festo

Feature	Value
Programming language	as per IEC 61131-3 KOP AWL ST FUP AS Additionally CFC
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 speed	10/100 Mbit/s
Ethernet, supported protocols	TCP/IP, EasyIP, Modbus® TCP
Ethernet, connector plug	RJ45 Socket 8-pin
Fieldbus interface, galvanic isolation	yes
Fieldbus interface, transmission rate	125, 250, 500, 800, 1000 kbit/s Adjustable via software
Fieldbus interface, connection technology	Plug Sub-D 9-pin
Fieldbus interface, type	CAN bus
Protocol	CODESYS level 2 EasyIP Modbus® TCP TCP/IP
Control interface	CAN bus
Ethernet interface	RJ 45 (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
Housing material	PA-reinforced PC