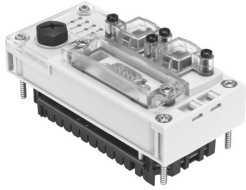


Control block CPX-CEC-M1-V3

Part number: 3472765

FESTO



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 Diagnostic memory Undervoltage/short circuit of modules
CPU data	256 MB RAM 800 MHz processor 32 MB flash
Configuration support	CODESYS V3
Parameterization	CODESYS V3
Total number of axes	31
Additional functions	Diagnostic functions SoftMotion functions for electric actuators
Control elements	Rotary switch for RUN/Stop DIL switch for CAN termination
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	Via MMI Via CODESYS DHCP
Function blocks	Read CPX module diagnostics CPX diagnostic status and others Copy CPX diagnostic trace
Flag	CODESYS variable concept 28 kB remanent data
Nominal operating voltage DC load voltage	With pneumatic type CPA: 20.4 ... 26.4 V 24 V With pneumatics type MPA: 18 ... 30 V With midi/maxi pneumatic valves types: 21.6 ... 26.4 V Without pneumatics: 18 ... 30V
Nominal operating voltage DC	24 V
Power failure buffering	10 ms
Programming software	CODESYS provided by Festo

Feature	Value
Programming language	ST Additionally CFC KOP as per IEC 61131-3 AWL AS FUP
Program memory	16 MB user program
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Storage temperature	-20 °C ... 70 °C
Relative air humidity	Non-condensing 95 %
Degree of protection	IP67 IP65
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	Socket RJ45 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 9-pin Sub-D
Fieldbus interface, type	CAN bus
Protocol	TCP/IP EasyIP CODESYS level 2 Modbus® TCP
Control interface	CAN bus
Ethernet interface	RJ 45 (socket, 8-pin)
LED display (bus-specific)	TP: link/traffic
LED display (product-specific)	PS: electronics supply, sensor supply ERR: PLC runtime error RUN: PLC status STOP: PLC status SF: system fault M: modify/forcing active PL: load supply
Note on materials	RoHS-compliant
Housing material	PA-reinforced PC