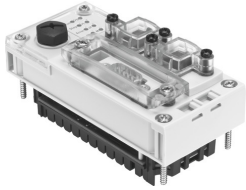


Control block CPX-CEC-M1-V3

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	Diagnostic memory Channel-oriented and module-oriented diagnostics 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	SoftMotion functions for electric actuators Diagnostic functions
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 Copy CPX diagnostic trace CPX diagnostic status and others
Flag	CODESYS variable concept 28 kB remanent data
Nominal operating voltage DC load voltage	With pneumatic type CPA: 20.4 ... 26.4 V With midi/maxi pneumatic valves types: 21.6 ... 26.4 V 24 V With pneumatics type MPA: 18 ... 30 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	as per IEC 61131-3 Additionally CFC ST AS FUP KOP AWL
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 8-pin RJ45
Fieldbus interface, galvanic isolation	yes
Fieldbus interface, transmission rate	Adjustable via software 125, 250, 500, 800, 1000 kbit/s
Fieldbus interface, connection technology	Plug 9-pin Sub-D
Fieldbus interface, type	CAN bus
Protocol	TCP/IP CODESYS level 2 Modbus® TCP EasyIP
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 PL: load supply ERR: PLC runtime error RUN: PLC status STOP: PLC status M: modify/forcing active SF: system fault
Note on materials	RoHS-compliant
Housing material	PA-reinforced PC