

Bus node CTEU-CO

Part number: 570038

FESTO



Data sheet

Feature	Value
Type code	CTEU
Dimensions W x L x H	40 mm x 91 mm x 50 mm
Width dimension	40 mm
Type of mounting	On electrical interface On electrical sub-base
Product weight	90 g
Protocol	CANopen
Fieldbus interface, type	CAN bus
Fieldbus interface, protocol	CANopen
Fieldbus interface, function	Bus connection, incoming/forwarding
Fieldbus interface, connection type	Plug
Fieldbus interface, connection technology	Sub-D
Fieldbus interface, number of poles/wires	9
Fieldbus interface, connection pattern	00995639
Note on fieldbus interface	Optional connection technology with accessories: micro style (plug/ socket M12x1 A-coded, 5-pin, degree of protection: IP65), open style (terminal strip, 5-pin, degree of protection: IP20) Open style (screw terminal, 5-pin, degree of protection: IP20) Optional connection technology with accessories:
Fieldbus interface, galvanic isolation	yes
Fieldbus interface, transmission rate	1000 kbit/s 125 kbit/s 250 kbit/s 500 kbit/s
Internal cycle time	1 ms per 1 byte of user data
Max. address capacity inputs	8 byte
Information on inputs	Extendable to max. 16 bytes
Max. address capacity outputs	8 byte
Note on outputs	Extendable to max. 16 bytes
Power supply, function	Electronics and load
Power supply, type of connection	Plug
Power supply, connection technology	M12x1, B-coded as per EN 61076-2-101
Power supply, number of pins/wires	5
Power supply, connection pattern	00995719
Diagnostics	Communication error System diagnostics Undervoltage
Parameterization	Diagnostic behavior Fail-safe response

Feature	Value
Additional functions	Acyclic data access via "SDO" Emergency message
Configuration support	EDS file
Control elements	DIL switch
LED display (product-specific)	PS: operating voltage for electronics and load supply X1: module system status at I-Port 1 X2: module system status at I-Port 2
LED display (bus-specific)	IO: I/O status MNS: network status
DC operating voltage range	18 V ... 30 V
Nominal operating voltage DC	24 V
Intrinsic current consumption at nominal operating voltage	Typ. 65 mA
Max. power supply	4 A
Certification	RCM compliance mark c UL us - Listed (OL)
KC characters	KC EMC
CE marking (see declaration of conformity)	As per EU EMC directive
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Storage temperature	-20 °C ... 70 °C
Degree of protection	IP65 IP67
Note on degree of protection	In mounted state Unused connections sealed
Ambient temperature	-5 °C ... 50 °C
Housing material	PA
Note on materials	Contains paint-wetting impairment substances RoHS-compliant