

# Bus node CTEU-PN

Part number: 2201471

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	93 g
Protocol	PROFINET
Fieldbus interface, type	Ethernet
Fieldbus interface, protocol	PROFINET RT
Fieldbus interface, function	Bus connection, incoming/forwarding
Fieldbus interface, connection type	2x socket
Fieldbus interface, connection technology	M12x1, D-coded as per EN 61076-2-101
Fieldbus interface, number of poles/wires	4
Fieldbus interface, connection pattern	00995716
Fieldbus interface, galvanic isolation	yes
Fieldbus interface, transmission rate	100 Mbit/s
Internal cycle time	1 ms per 1 byte of user data
Max. address capacity inputs	64 byte
Max. address capacity outputs	64 byte
Power supply, function	Electronics and load
Power supply, type of connection	Plug
Power supply, connection technology	M12x1, A-coded as per EN 61076-2-101
Power supply, number of pins/wires	5
Power supply, connection pattern	00995383
Diagnostics	Communication error System diagnostics Undervoltage
Additional functions	Conformance class C Fast start-up (FSU) LLDP MRP PROFINET IRT PROFIenergy SNMP Shared device Web server
Configuration support	GSDML file

Feature	Value
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)	NF: network fault TP1: network active port 1 TP2: network active, port 2
DC operating voltage range	18 V ... 30 V
Nominal operating voltage DC	24 V
Intrinsic current consumption at nominal operating voltage	Typ. 80 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