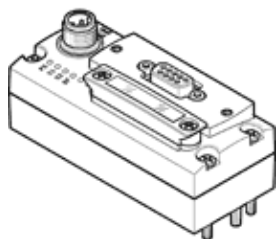


# bus node CTEU-PB-EX1C

Part number: 8107588

FESTO



## Data sheet

Feature	Value
Protocol	Profibus DP
Dimensions W x L x H	40 mm x 91 mm x 50 mm
Grid dimension	40 mm
Mounting type	On electrical interface On electrical connection block
Product weight	90 g
Ambient temperature	-5 ... 50 °C
Storage temperature	-20 ... 70 °C
Protection class	IP65 IP67
Note on degree of protection	in assembled condition Unused connections sealed
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364 zone III
CE mark (see declaration of conformity)	to EU directive for EMC in accordance with EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
Authorisation	RCM Mark c UL us - Listed (OL)
Certificate issuing department	UL E239998
Materials note	Conforms to RoHS
Material housing	PA
Product-specific LED display	PS: operating voltage for electronics and load supply X1: System status module I port 1 X2: System status module I port 2
Bus-specific LED display	BF: Bus error
Diagnosis	Communication error System diagnostics Undervoltage
Control elements	DIL switches
Note regarding fieldbus interface	Optional connection technology with accessories: Plug connector/socket M12x1 B-coded, 5-pin, degree of protection IP65
Fieldbus interface	PROFIBUS
Fieldbus interface, protocol	PROFIBUS DP
Fieldbus interface, type of connection	Plug socket
Fieldbus interface, connection technology	Sub-D
Fieldbus interface, number of pins/wires	9
Fieldbus interface, electrical isolation	Yes
Fieldbus interface, transmission rate	9,6 kbit/s 12 Mbit/s 19,2 kbit/s 93,75 kbit/s 187,5 kbit/s 1,5 Mbit/s 500 kbit/s

Feature	Value
Maximum address volume for inputs	16 Byte
Maximum address volume for outputs	16 Byte
Parameters configuring	Diagnostics behaviour Fail-safe reaction
Internal cycle time	1 ms per 1 byte of user data
Configuration support	Device database file
Additional functions	Emergency Message System status via diagnostic test
Power supply, function	Electronics and load
Power supply, type of connection	Plug
Power supply, connection technology	M12x1, A-coded in accordance with EN 61076-2-101
Power supply, number of pins/wires	5
Operating voltage range DC	18 ... 30 V
Nominal operating voltage DC	24 V
Max. power supply	4 A
Intrinsic current consumption at operating voltage	Typ. 100 mA