

# Bus node CTEU-EP

Part number: 2798071

FESTO



 General operating condition

## Data sheet

| Feature                                      | Value   |
|--|---|
| Protocol                                     | EtherNet/IP<br>Modbus® TCP  |
| Dimensions W x L x H                         | 40 mm x 91 mm x 50 mm   |
| Product weight                               | 98 g  |
| Ambient temperature                          | 0 °C ... 50 °C  |
| Storage temperature                          | -20 °C ... 70 °C  |
| Degree of protection                         | IP65<br>IP67  |
| Corrosion resistance class (CRC)             | 2 - Moderate corrosion stress   |
| LABS (PWIS) conformity                       | VDMA24364 zone III  |
| CE marking (see declaration of conformity)   | As per EU EMC directive<br>As per EU RoHS directive   |
| UKCA marking (see declaration of conformity) | To UK RoHS instructions   |
| KC characters                                | KC EMC  |
| Certification                                | RCM compliance mark<br>c UL us - Listed (OL)  |
| Note on materials                            | RoHS-compliant  |
| Housing material                             | PA  |
| LED display (product-specific)               | PS: operating voltage for electronics and load supply<br>X1: module system status at I-Port 1<br>X2: module system status at I-Port 2 |
| LED display (bus-specific)                   | NS: network status<br>TP1: network active port 1<br>TP2: network active, port 2   |
| Diagnostics                                  | Communication error<br>System diagnostics<br>Undervoltage   |
| Control elements                             | DIL switch  |
| Fieldbus interface                           | 2x socket, M12x1, 4-pin, D-coded  |
| Max. address capacity inputs                 | 64 byte   |
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| Parameterization                             | Diagnostic behavior<br>Fail-safe and idle response  |
| Baud rate                                    | 10/100 Mbit/s   |
| Internal cycle time                          | 1 ms per 1 byte of user data  |
| Configuration support                        | EDS file  |

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|--|--|
| Additional functions                                       | IP addressing via DHCP, DIL switch, fieldbus or FFT<br>Integrated switch<br>Ring topology (DLR)<br>SNMP<br>Start-up parameterization in plain text via fieldbus<br>System status can be indicated via process data<br>Web server |
| DC operating voltage range                                 | 18 V ... 30 V  |
| Nominal operating voltage DC                               | 24 V   |
| Max. power supply  | 4 A  |
| Intrinsic current consumption at nominal operating voltage | Typ. 65 mA   |