

# Bus node CPX-FB36

Part number: 1912451

FESTO



 General operating condition

## Data sheet

| Feature                          | Value                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Protocol                         | EtherNet/IP<br>Modbus® TCP                                                                                                    |
| Dimensions W x L x H             | 50 mm x 107 mm x 50 mm                                                                                                        |
| Product weight                   | 125 g                                                                                                                         |
| Ambient temperature              | -5 °C ... 50 °C                                                                                                               |
| Storage temperature              | -20 °C ... 70 °C                                                                                                              |
| Degree of protection             | IP65<br>IP67                                                                                                                  |
| Corrosion resistance class (CRC) | 1 - Low corrosion stress                                                                                                      |
| LABS (PWIS) conformity           | VDMA24364-B2-L                                                                                                                |
| Note on materials                | RoHS-compliant                                                                                                                |
| Housing material                 | PA-reinforced                                                                                                                 |
| LED display (product-specific)   | M: Modify, parameterization<br>PL: load supply<br>PS: electronics supply, sensor supply<br>SF: system fault                   |
| LED display (bus-specific)       | MS: module status<br>NS: network status<br>TP1: network active port 1<br>TP2: network active, port 2                          |
| Device-specific diagnostics      | Channel-oriented and module-oriented diagnostics<br>Undervoltage of modules<br>Diagnostic memory                              |
| 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 response<br>forcing of channels<br>Idle mode performance<br>Signal setup<br>System parameter |
| Baud rate                        | 10/100 Mbit/s                                                                                                                 |
| Configuration support            | EDS file<br>L5K export with CPX-FMT                                                                                           |

| Feature                                                    | Value                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Additional functions                                       | Acyclic data access via "Explicit Message"<br>Acyclic data access via Ethernet<br>EtherNet/IP Quickconnect<br>IP addressing via DHCP, DIL switch or operator unit<br>Integrated switch<br>Channel-based diagnostics via fieldbus<br>Ring topology (DLR)<br>Start-up parameterization in plain text via fieldbus<br>System status can be indicated via process data |
| DC operating voltage range                                 | 18 V ... 30 V                                                                                                                                                                                                                                                                                                                                                      |
| Nominal operating voltage DC                               | 24 V                                                                                                                                                                                                                                                                                                                                                               |
| Intrinsic current consumption at nominal operating voltage | Typ. 100 mA                                                                                                                                                                                                                                                                                                                                                        |