

## Bus node CPX-FB39

Part number: 2093101

**FESTO**



## Data sheet

| Feature                          | Value                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| Protocol                         | Sercos III                                                                                                  |
| Dimensions W x L x H             | (incl. interlinking block)<br>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)       | S: Sercos LED<br>SD: Sercos sub-device LED<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                                                                                                     |
| Max. address capacity outputs    | 64 byte                                                                                                     |
| Parameterization                 | Diagnostic behavior<br>Fallback A data<br>forcing of channels<br>Signal setup<br>System Parameters          |
| Baud rate                        | 100 Mbit/s, full/half duplex                                                                                |
| Configuration support            | SDDML file                                                                                                  |
| Additional functions             | Acyclic and cyclic data access via sercos<br>IP addressing via Sercos parameters or operator unit           |

| Feature                                                    | Value                                                                                                                                                                                                   |
|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                            | Channel-based diagnostics via fieldbus<br>Start-up parameterization in plain text via fieldbus<br>System status can be indicated via process data<br>Additional diagnostic interface for operator units |
| DC operating voltage range                                 | 18 V...30 V                                                                                                                                                                                             |
| Nominal operating voltage DC                               | 24 V                                                                                                                                                                                                    |
| Intrinsic current consumption at nominal operating voltage | Type. 100 mA                                                                                                                                                                                            |