# Interface
# CPX-FB43

Part number: 8110369



## Data sheet

| Feature | Value |
|---|---|
| Protocol | PROFINET IRT<br>PROFINET RT |
| Dimensions W x L x H | (incl. interlinking block)<br>50 mm x 107 mm x 50 mm |
| Product weight | 185 g |
| Ambient temperature | -5 °C...50 °C |
| Storage temperature | -20 °C...70 °C |
| Degree of protection | IP65<br>IP67 |
| Corrosion resistance class (CRC) | 0 - No corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B2-L |
| Certification | RCM compliance mark |
| Note on materials | RoHS compliant |
| Housing material | Die-cast aluminum |
| 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) | M/P: Maintenance/PROFIenergy<br>NF: Network error<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>Fail-safe response<br>forcing of channels<br>Signal setup<br>System Parameters |
| Baud rate | 100 Mbit/s |
| Configuration support | GSDML file |

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|---|---|
| Additional functions | Acyclic data access via fieldbus<br>Acyclic data access via Ethernet<br>Fast start-up (FSU)<br>I&M<br>Channel-based diagnostics via fieldbus<br>LLDP<br>MQTT<br>MRP<br>MRPD<br>PROFIenergy<br>PROFIsafe<br>S2 system redundancy<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. 70 mA |