

# Measuring module CPX-CMIX-M1-1

Part number: 567417

**FESTO**



## Data sheet

| Feature                                          | Value                                                                                   |
|--------------------------------------------------|-----------------------------------------------------------------------------------------|
| Dimensions W x L x H                             | 50 mm x 107 mm x 55 mm                                                                  |
| Diagnostics                                      | Channel-oriented and module-oriented diagnostics                                        |
| Short-circuit protection                         | Yes                                                                                     |
| Device-specific diagnostics                      | Undervoltage of modules<br>Measuring system undervoltage<br>Via local 7-segment display |
| Max. number of modules                           | 9                                                                                       |
| Display                                          | 7-segment display                                                                       |
| Status indications                               | LED yellow = PL (power load)<br>Red LED = error                                         |
| DC operating voltage range                       | 18 V...30 V                                                                             |
| Nominal operating voltage DC                     | 24 V                                                                                    |
| Power failure buffering                          | 10 ms                                                                                   |
| Current consumption at nominal operating voltage | 80 mA                                                                                   |
| Certification                                    | C-Tick                                                                                  |
| LABS (PWIS) conformity                           | VDMA24364-B2-L                                                                          |
| Storage temperature                              | -20 °C...70 °C                                                                          |
| Relative air humidity                            | 5 - 95%<br>Non-condensating                                                             |
| Degree of protection                             | IP65<br>As per IEC 60529                                                                |
| Ambient temperature                              | -5 °C...50 °C                                                                           |
| Product weight                                   | 140 g                                                                                   |
| Axes per string                                  | 1                                                                                       |
| No. of axis strings                              | 1                                                                                       |
| Max. cable length                                | 30 m                                                                                    |
| Electrical connection, control interface         | Socket<br>M9<br>5-pin                                                                   |
| Control interface                                | digital<br>CAN bus with Festo protocol                                                  |
| Note on materials                                | RoHS compliant                                                                          |
| Housing material                                 | PA-reinforced                                                                           |