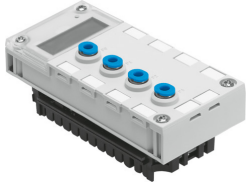


# Analogue module CPX-4AE-P-B2

Part number: 560361

**FESTO**



## Data sheet

| Feature                                                    | Value                                                                                                                                                                                                                                                        |
|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions W x L x H                                       | (incl. interlinking block)<br>50 mm x 107 mm x 55 mm                                                                                                                                                                                                         |
| Product weight                                             | 115 g                                                                                                                                                                                                                                                        |
| Operating medium                                           | Compressed air as per ISO 8573-1:2010 [7:4:4]                                                                                                                                                                                                                |
| Information on operating and pilot media                   | Operation with oil lubrication possible (required for further use)                                                                                                                                                                                           |
| Temperature of medium                                      | 0 °C...50 °C                                                                                                                                                                                                                                                 |
| 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<br>(when installed)                                                                                                                                                                                                                 |
| LABS (PWIS) conformity                                     | VDMA24364-B2-L                                                                                                                                                                                                                                               |
| Note on materials                                          | RoHS-compliant                                                                                                                                                                                                                                               |
| Housing material                                           | PA-reinforced<br>PC                                                                                                                                                                                                                                          |
| Pneumatic connection                                       | QS-4                                                                                                                                                                                                                                                         |
| LED indicators                                             | 1 group diagnostics                                                                                                                                                                                                                                          |
| Diagnostics                                                | Limit value violation per channel<br>Parameterization error<br>Sensor limit per channel                                                                                                                                                                      |
| Parameterization                                           | Diagnostic delay per channel<br>Hysteresis per module<br>Unit of measurement<br>Measured value smoothing per channel<br>Limit value monitoring per channel diagnostics<br>Sensor limit per channel diagnostics<br>Relative/differential pressure measurement |
| Internal cycle time                                        | 5 ms                                                                                                                                                                                                                                                         |
| DC operating voltage range                                 | 18 V...30 V                                                                                                                                                                                                                                                  |
| Nominal operating voltage DC                               | 24 V                                                                                                                                                                                                                                                         |
| Intrinsic current consumption at nominal operating voltage | Typ. 50 mA                                                                                                                                                                                                                                                   |
| No. of inputs                                              | 4                                                                                                                                                                                                                                                            |
| Measured variable                                          | 4x relative pressure/2x differential pressure                                                                                                                                                                                                                |

| Feature                                | Value                                                    |
|----------------------------------------|----------------------------------------------------------|
| Displayable unit(s)                    | kPa<br>mbar<br>psi                                       |
| Data format                            | 15 bit + sign<br>Binary representation in mbar, kPa, psi |
| Pressure measuring range end value     | 1 bar                                                    |
| Pressure measuring range initial value | -1 bar                                                   |