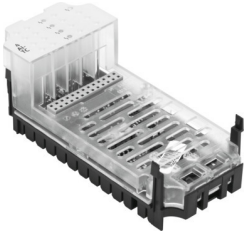


# Analogue module CPX-4AE-TC

Part number: 553594

**FESTO**



## Data sheet

| Feature                                                        | Value                                                                                                                                                                         |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions (W x L x H)                                         | (incl. interlinking block and connection technology)<br>50 x 107 x 50 mm                                                                                                      |
| Product weight                                                 | 46 g                                                                                                                                                                          |
| Ambient temperature                                            | -5 °C...50 °C                                                                                                                                                                 |
| Storage temperature                                            | -20 °C...70 °C                                                                                                                                                                |
| Corrosion resistance class CRC                                 | 1 - Low corrosion stress<br>(when installed)                                                                                                                                  |
| Max. cable length                                              | 50 m<br>Shielded                                                                                                                                                              |
| LABS (PWIS) conformity                                         | VDMA24364-B2-L                                                                                                                                                                |
| Material housing                                               | PA-reinforced<br>PC                                                                                                                                                           |
| LED display                                                    | 1 Group diagnostics<br>4 channel diagnostics                                                                                                                                  |
| Diagnosis                                                      | Wire break per channel<br>Limit value violation per channel<br>Parameterisation error                                                                                         |
| Parameterisation                                               | Limit monitoring per channel<br>Cold junction compensation<br>Unit of measurement<br>Measured value smoothing<br>Sensor type per channel<br>Wire break monitoring per channel |
| Internal cycle time                                            | 250 ms                                                                                                                                                                        |
| Operational voltage range DC                                   | 18 V...30 V                                                                                                                                                                   |
| Nominal operating voltage DC                                   | 24 V                                                                                                                                                                          |
| Intern power consumption nominal operating voltage             | 30 mA                                                                                                                                                                         |
| Number of inputs                                               | 4                                                                                                                                                                             |
| Max. line resistance                                           | 10 ohm/conductor                                                                                                                                                              |
| Data format                                                    | 15 bits + prefix<br>Binary notation in tenths of a degree                                                                                                                     |
| Repetition accuracy                                            | 0.05% at 25°C                                                                                                                                                                 |
| Basic error limit at 25 °C                                     | ±0.4%                                                                                                                                                                         |
| Operating error limit related to the ambient temperature range | ±0.6%                                                                                                                                                                         |

| Feature                          | Value                                                                        |
|----------------------------------|------------------------------------------------------------------------------|
| Sensor type                      | Type B<br>Type E<br>Type J<br>Type K<br>Type N<br>Type R<br>Type S<br>Type T |
| Isolation channel - channel      | no                                                                           |
| Isolation channel - internal bus | yes                                                                          |
| Fuse protection (short circuit)  | Internal electronic fuse per channel                                         |