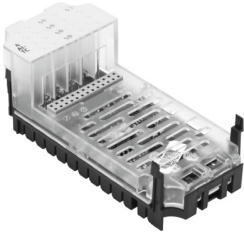


Analogue module CPX-4AE-TC

Part number: 553594

FESTO



 [General operating condition](#)

Data sheet

Feature	Value
Dimensions W x L x H	(incl. interlinking block and connection system) 50 mm x 107 mm 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 (when installed)
Max. cable length	50 m Shielded
LABS (PWIS) conformity	VDMA24364-B2-L
Housing material	PA-reinforced PC
LED indicators	1 group diagnostics 4 channel diagnostics
Diagnostics	Wire break per channel Limit value violation per channel Parameterization error
Parameterization	Limit value monitoring per channel Cold junction compensation Unit of measurement Measured value smoothing Sensor type per channel Wire break monitoring per channel
Internal cycle time	250 ms
DC operating voltage range	18 V ... 30 V
Nominal operating voltage DC	24 V
Intrinsic current consumption at nominal operating voltage	30 mA
No. of inputs	4
Max. line resistance	10 ohm/conductor
Data format	15 bit + sign Binary representation 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 Type E Type J Type K Type N Type R Type S Type T
Electrical isolation between channels	no
Electrical isolation between channel and internal bus	yes
Fuse protection (short circuit)	Internal electronic fuse per channel