Analog module
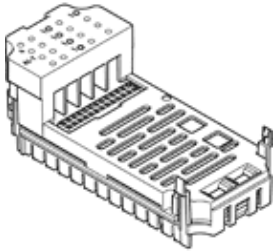## CPX-4AE-T
Part number: 541486

for modular electrical terminal CPX. Permits connection of four temperature sensors for temperature measurement ranging from -200°C to 850°C.

Data sheet

Feature	Value
Dimensions W x L x H	(incl. interlinking block and connection technology) 50 mm x 107 mm x 50 mm
Product weight	47 g
Ambient temperature	-5 ... 50 °C
Storage temperature	-20 ... 70 °C
Protection class	Depending on the connection block
Corrosion resistance classification CRC	1 - Low corrosion stress (when installed)
Max. line length	200 m Shielded
PWIS conformity	VDMA24364-B2-L
Material housing	PA-reinforced PC
LED displays	1 group diagnostics 4 channel diagnostics
Diagnosis	Wire break per channel Critical limit violation per channel Short circuit, input signal parameterisation error
Parameters configuring	Forcing per channel Limit monitoring/channel Unit of measurement Measured value smoothing Sensor type per channel Monitoring of wire break/channel
Internal cycle time	250 ms
Operating voltage range DC	18 ... 30 V
Nominal operating voltage DC	24 V
Intrinsic current consumption at operating voltage	Typically 50 mA
No. of inputs	4
Data format	15 bits + prefix Binary display in tenths of degrees
Repetition accuracy	0.05% at 25º C
Basic error limit at 25 °C	±0.6 K for Pt sensors
Operating error limit related to the ambient temperature range	±0,6 %
Sensor types	Ni 100 Ni 1000 Ni 120 Ni 500 Pt 100 Pt 1000 Pt 200 Pt 500
Electrical isolation channel – channel	No
Electrical isolation channel – internal bus	Yes
Protection (short circuit)	Internal electronic fuse