

Analogue Temperature Sensors

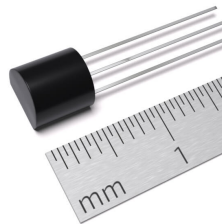
Datasheet

Functions

Analogue temperature sensors require a fixed supply voltage. The integrated circuit produces an output voltage that is linearly dependent on the temperature. Compared to NTC sensors, the measurement accuracy is significantly lower. However, these analogue sensors provide a cost-effective alternative for monitoring temperature-critical areas in experimental setups and laboratory equipment.

Key Features

- ✓ Analogue temperature sensor with integrated circuit
- ✓ Outer material: plastic
- ✓ 3 connecting wires
- ✓ Cost-effective sensor with low accuracy
- ✓ To connect sensor inputs 3, 4 and 5 of the BELEKTRONIG Built-in temperature controllers



Name / Order Number: BAT -	TS-LM60-1
Type of sensor	LM60 ±3°C
Measurement range [°C]	-40...125
Dimensions of the sensor [mm]	Ø5x5
Outer material	plastic
Wire length [mm]	14
Response time [s]	>1
Connection type	3 wires
Supply voltage [V]	2.7...10
Temperature sensitivity [mV/°C]	6.25