

Product info: Thermocouple Transducer

Transducer for thermocouple type K, S and Pt 100.

The transducer is programmed according to customer requirements:

Define the range

- Measuring range
- Element type

Transducer with galvanic isolation, polarity safe loop voltage 10 .. 30 VDC

TECHNICAL DATA

16 Bit Resolution (input)

Supply voltage: 7..30VDC

Current: 4..20mA

Resolution: 2 μ A

Isolation: 1500 V

Sampling rate: 300 ms

Ambient temperature: -40..85 °C

Input resistance: 10 M Ω

Cold junction compensation: -40..100 °C

Measuring range error: 0,1%

Possible range Type K: -200..1372 °C, resolution: 5 μ V (EN 60584)

Possible range Type S: -50..1768 °C, resolution: 5 μ V (EN 60584)

Possible range Type PT 100: -200..650 °C, resolution: 6 m Ω (EN 60751)

Sensor breakage 21mA

Connections: Spring terminals

Clamping range: 0,2..2,5 mm²

By request built in stable plastic housing.

