

## TFN 520-SMP Thermometer for Thermocouples



### 1-channel high accuracy thermocouple thermometer

TFN 520 Thermometer for Thermocouples  
(Type K,J,T,E)  
- without probe -

#### Product Description

- Robust and impact resistant
- MIN / MAX
- °C/°F selectable
- Battery indication
- Exchangeable battery

Heating technology  
Climate, air-conditioning, gases Liquids, surface  
temperature Tooling for injection moulding  
Plastics  
Laboratories

<b>Measuring range</b>	Type K -200 °C to +1200 °C Type J -100 °C to +800 °C Type T -50 °C to +300 °C Type E -100 °C to +600 °C
<b>Accuracy</b>	Accuracy @ 25 °C Type K -100 °C to +249.9 °C ±0.3 °C Type J -50 °C to +190 °C ±0.3 °C Type T -50 °C to +220 °C ±0.3 °C Type E -50 °C to +150 °C ±0.3 °C rest of range 0.5% of reading
<b>Resolution</b>	Type K 0.1 °C at -200 °C to +250 °C Type J 0.1 °C at -100 °C to +190 °C Type T 0.1 °C at -50 °C to +220 °C Type E 0.1 °C at -100 °C to +150 °C 1 °C for the rest
<b>Operating Temperature</b>	-5 °C...+50 °C
<b>Storage temperature</b>	-25 °C...+60 °C
<b>Sensor</b>	extern; Thermoelement Typ K, J, T, E
<b>Sample Rate</b>	0,5s-15s
<b>Probe</b>	SMP
<b>Measured variables</b>	temperature
<b>IP Rating</b>	IP 40
<b>Battery lifetime</b>	approx. 5 years
<b>Dimensions</b>	115 x 54 x 22 mm
<b>Weight</b>	approx. 90g
<b>Certificate</b>	Factory calibration certificate