

# TFX 430 + TPX 130 Precision Thermometer

*Reference thermometer with exchangeable Pt 100 probe*

TFX 430 + TPX 130 Precision Thermometer

## Product Description

- High accuracy
- Four-wire measuring system
- Waterproof IP 67
- Battery life approx 5 years
- Exchangeable battery
- Different probes for different applications available



For measuring air, liquids, ductile substances, aggressive media, surfaces

Part No.: 1340-5437

## Technical data

<b>Measuring range</b>	-100 °C...+500 °C
<b>Accuracy</b>	±0,05°C (±0,08°F) at -50,00 °C...+199,99°C ±0,2°C / ±0,4°F for the rest; device w/o probe ±0,4% of the measurement for the rest; device with probe and factory calibration
<b>Resolution</b>	0.01 °C (-100 °C...+199,99 °C) 0.1 °C for the remaining measuring range
<b>Operating Temperature</b>	-20 °C...+50 °C
<b>Storage temperature</b>	-30 °C...+70 °C
<b>Sample Rate</b>	1s...15s
<b>Cable</b>	Pt 100
<b>Measured variables</b>	Temperature
<b>IP Rating</b>	IP67
<b>Battery</b>	Lithium 3 V / Typ CR 2477
<b>Battery lifetime</b>	Approx. 5 years
<b>Dimensions</b>	109 x 54 x 22 mm
<b>Weight</b>	Approx. 90 g
<b>Certificate</b>	Factory calibration certificate

## Accessories

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### AG 120

Plastic case



Part No. 1341-0619

### AG 130

Aluminum case



Part No. 1341-3854

### AG 140

Protective cover for thermometer, red



Part No. 1340-5005

### AG 150

Wall bracket with 6 clips, plastic



Part No. 1340-5000

### AX 110

Extension cable 1m silicone for TFX 430 - instruments (LEMO Size 1)



Part No. 1340-5020

### TPX 230

TPX 230 Probe



Part No. 1341-5438

### TPX 330

TPX 330 Probe



Part No. 1341-5439

## Calibration

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### ISO-calibration

ISO-calibration



Part No. 1020-3590