



11-50065



11-30503

## Handheld thermocouple indicator type K, 1 channel

### Model 11-30503

**Therma Waterproof** is a one-channel handheld temperature indicator for thermocouple type K which is submersible and can be flushed directly under the water tap. Protective class is IP66/67. The input signal can be biased within  $\pm 2.0$  °C. Sensors are optional. There is a broad collection available in Pentronic's web site.

Upon request indicator and selected sensors can be calibrated together. A calibration certificate will be certified by Pentronic's accredited calibration laboratory. Favourable prices for the calibration temperatures 0 °C and 100 °C.

<b>Specifikation <i>Therma Waterproof</i></b>	
Input	Thermocouple type K with miniature male connector
Measuring ranges	-100 to +1370 °C. . NB! Sensor design can limit measurement range further.
Accuracy at 23 °C	$\pm 0.4$ °C $\pm 0.1$ % reading
Resolution	0.1 °C to 300 °C, thereafter 1 °C
Zero adjustment	$\pm 2.0$ °C in steps of 0.1 °C
Deviation in reference junction	$\pm 0.02$ °C/°C
Sampling rate	2 times per second
Ambient operational temperature	-20 to +50 °C
Power supply	3 x 1.5 V AAA-batteries
Operational time 25 °C	> 10 000 h (5 years), no use of back light
Automatic shut off	After 10 min. operation, can be inhibited
Functions	Hold, min and max of read out temperature
Display	15 mm LCD, backlight to be chosen
Dimensions	141 x 71 x 32 mm
Weight	220 g
<b>Ordering</b>	<b>Part number</b>
Therma Waterproof, indicator with soft case, excluding temperature sensor	11-30502
Protective rubber silicone boot with support	11-50065

**Sensors**, see: [www.pentronic.se](http://www.pentronic.se) > Home > Thermocouples > Handheld TC