



PT123

## 2,5 x 100 mm stainless steel PT100

The PT123 represents an important advancement in temperature sensing technology. Its stainless steel encapsulated PT100 sensor ensures high accuracy and stability, making it ideal for precision measurements. The immersible tip allows for precise measurements in test tubes, waterbaths and other containers. Quick response time enables real-time monitoring and control.

### Functions & Technology

#### Ideal temperature probe for liquids

The industry standard PT-00 sensor is precise and stable over a wide temperature range. The Nilotech PT123 has a dynamic range between -50 °C to 100 °C.

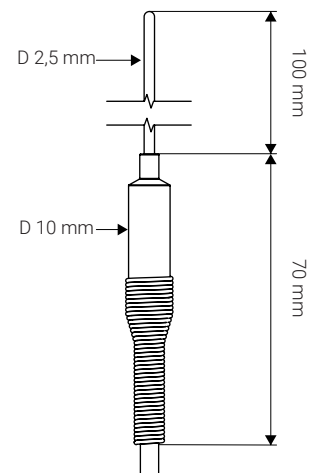
PT123 is particularly useful for controlling liquids in water baths, test tubes, and other fluid containers.

The probe can be inserted into on any opening larger than 2,5 mm diameter such as sideports on incubators.



### Specifications

<b>Sensor type</b>	Analog PT-100 temperature sensor (3 wire)
<b>Measure range &amp; accuracy</b>	-50 - 100 °C/0,03 °C accuracy possible.
<b>Display resolution and update</b>	0,01 °C, one update per second
<b>T90 (min:sec)</b>	0:45
<b>Compliance</b>	ISO/EN61010-1 - RoHS
<b>Operating conditions</b>	0 - 50 °C/5 - 95% RH
<b>Cable length</b>	2 m with option for customisations.
<b>Materials</b>	PVC.
<b>IP Class</b>	IP50
<b>Calibration</b>	Delivered with factory calibration certificate. Accuracy ± 0,1 °C in the range 0 - 100 °C PT123 can be calibrated in accordance with ISO/IEC 17025. Calibration requires an adaptor. Part no: 115s001.



#### Ordering info

**Part no: 120s003** - 2,5 x 100 mm stainless steel PT100

**Part no: 115s001** - Single probe calibration adaptor

**Part no: 800s002** - Accredited calibration of 1 temperature sensor

#### Nilotech Aps.

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