

# Stub probe for temperature measurements (NTC)



Stub probe for temperature measurements in liquids, pastes and in air.

## Technical data

### Temperature - NTC

Measuring range	-20 to +70 °C
Accuracy	±0.2 °C (-20 to +40 °C) ±0.4 °C (40.1 to +70 °C)
Reaction time	15 s

### General technical data

Weight	20 g
Diameter probe shaft	3 mm
Protection class	IP54
Product-/housing material	Stainless steel / GFK
Length probe shaft	35 mm
Product colour	Black; silver

### Delivery Scope:

1 x NTC temperature probe 0628 7510.

NTC temperature probe with short probe tube (stub probe)

Temperature measurement in liquids, pastes and in air

Good air flow at the sensor

Measuring range: -20 to +70 °C

The stub probe is suitable for air temperature measurements and also for temperature measurement in liquids and pastes. Thanks to its NTC sensor element, the probe provides precise temperature measurements with an accuracy of up to ±0.2 °C.

The temperature probe featuring a rounded tip has a short probe tube which is 35 mm in length.

Protection class IP 54 means that the stub probe is splash-proof.

This probe's response time  $t_{99}$  (time it takes for the probe to register 99% of the jump in temperature) of 15 seconds refers to measurements in moving water at +60 °C. This response time is extended when, for example, measurements are taken in still liquid, pastes or air.\*

### The perfect probe for any application

Don't see the temperature probe you are looking for? Please contact us directly. We have a large range of standard temperature probes and we also manufacture customized probes specifically according to your personal requirements.

\*For air temperature measurements, the response time is about 40 - 60 times higher than the indicated value measured in water. If you should require a rather sluggish temperature probe to measure air temperature, this probe is particularly suitable because it does not take brief temperature peaks into account at all, or only to a very small degree, when measuring temperature. For example, if you are planning to use this probe to measure air temperature in the refrigerator, briefly opening the refrigerator door would not take into account the temperature fluctuation which results from mixing the warm room temperature with the refrigerator temperature.

If you need an air temperature probe with a fast response time, your best choice would be the exceptionally fast temperature probe 0602 0493 which has a large measuring range.