Data sheet
Product no. 0628 7533

Be sure. testo

Temperature probe with stainless steel sleeve (TC Type K)

Temperature probe with stainless steel sleeve for measurements in liquids, pastes and also in air

Technical data

Temperature - TC Type K (NiCr-Ni)

Measuring range	-50 to +205 °C
Accuracy	Class 2 [1)]
Reaction time	20 s

1) According to standard EN 60584-2, the accuracy of Class 1 refers to -40 to +1000 °C (Type K), Class 2 to -40 to +1200 °C (Type K), Class 3 to -200 to +40 °C (Type K).

General technical data

Diameter probe shaft	6 mm
Cable length	1.9 m
Fixed cable	yes
Product-/housing material	Stainless steel
Length probe shaft	40 mm
Product colour	silver; Black; green

Delivery Scope:

1 x TC Type K temperature probe with stainless steel sleeve 0628 7533.

C Type K temperature probe with stainless steel sleeve and 1.9 m cable

Temperature measurement in liquids, pastes and also in air

Measuring range: -50 to +205 °C

This thermocouple (TC) temperature probe with flattened tip can be used for measurements in liquids, pastes and also for measurements in air.'
The temperature probe features an acid-resistant, stainless steel sleeve and is suitable for measurements in the food industry.

This Type K, Class 2 thermocouple probe has a standardized accuracy of ±2.5 °C.

This probe's response time t99 (time it takes for the probe to register 99% of the jump in temperature) of 20 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 in 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 the temperature probe with penetration tip 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.