

# Temperature probe with clamping bracket (TC Type K)

Temperature probe (TC Type K) with clamping bracket for quick attachment to pipes (5 to 65 mm), offering 5-second response time and a wide measuring range up to +280 °C for brief periods—ideal for pipe surface temperature measurements in industrial applications.



## Technical data

### Temperature - TC Type K (NiCr-Ni)

Measuring range	-60 to +130 °C
Accuracy	Class 2 <sup>1)</sup>
Reaction time	5 s

1) According to standard EN 60584-1, the accuracy of Class 2 refers to -40 to +1200 °C.

### General technical data

Weight	82 g
Dimensions	length: 165 mm
Diameter	5 mm; 65 mm
Temperature maximum	280 °C
Diameter probe shaft tip	6 mm
Cable length	1.2 m
Fixed cable	yes
Product colour	green
Interface	plug thermocouple

### Delivery Scope:

1 x TC Type K temperature probe with clamping bracket 0602 4592.

Clamping bracket - for quick, easy attachment to pipes with diameters from 5 to 65 mm.

Wide Measuring Range - Measures temperatures from -60 to +130 °C (briefly up to +280 °C).

1.2 m cable - for flexible use across different environments

Fast response time - just 5 seconds, thanks to the sprung thermocouple strip

The testo Temperature Probe with Clamping Bracket is designed for easy and reliable surface temperature measurements on pipes. With a clamping bracket that fits pipe diameters ranging from 5 to 65 mm, this probe allows for quick, secure attachment, ensuring accurate temperature readings. It is particularly suitable for measuring temperatures up to +130 °C under normal conditions, with the ability to handle temperatures briefly up to +280 °C.

The fast response time of just 5 seconds is made possible by the sprung thermocouple strip, which quickly adopts the temperature of the surface being measured—even on uneven or irregular surfaces. This Type K, Class 2 thermocouple probe comes with a 1.2 m cable, providing ample flexibility for various applications. For long-term reliability, the thermocouple strip is replaceable, ensuring ongoing precision and performance.

If this probe does not meet your exact needs, please contact us! We offer a wide range of standard probes and can manufacture customised solutions to meet your specific requirements.