

Type K insertion probe without cable for soft plastic food media

GTE 130 OK

Introduction

Core temperature checks in soft plastic media and food products need a probe that enters cleanly and reacts without delay. The fine Ø1.5 mm insertion tip and 100 mm V4A probe tube support targeted measurements where a bulky probe would be difficult to place.

The Type K sensor covers -65 ... +400 °C, giving users one probe for chilled, ambient and high-temperature checks. Class 1 accuracy supports dependable readings across the measuring range, while the rigidly connected mini flat pin plug keeps the cable-free probe ready for compatible portable meters.

For fast checks in direct-contact applications, the probe reaches T90 in under 1 s in water at 0.4 m/s. Its resilient V4A tube and slim insertion geometry make it a practical choice for food-related portable temperature measurement.

Features

Thermocouple sensor

The probe uses a Type K (NiCr-Ni) thermocouple sensor in Class 1. The version is not potential-free.

Connector

The probe has a rigidly connected mini flat pin plug for direct connection to suitable portable temperature meters.

Cable-free design

The interchangeable probe is designed without a fixed cable and without a probe handle.

Probe construction

The fine insertion probe uses a resilient V4A probe tube with a slim Ø1.5 mm insertion tip for direct contact measurement.



Fast response

T90 is <1 s in water at 0.4 m/s for quick insertion checks.



Soft media fit

Slim Ø1.5 mm tip measures in soft plastic media and food applications.



Wide temperature use

Covers -65 ... +400 °C with Type K measurement.



Class 1 readings

Class 1 accuracy supports dependable values across the measuring range.

Technical Specifications

Measurement

Measuring principle	Thermocouples
Temperature sensor	Type K, Class 1
Temperature range TC K	-65...+400 °C
Response Time (T90)	< 1 s (water 0,4 m/s)

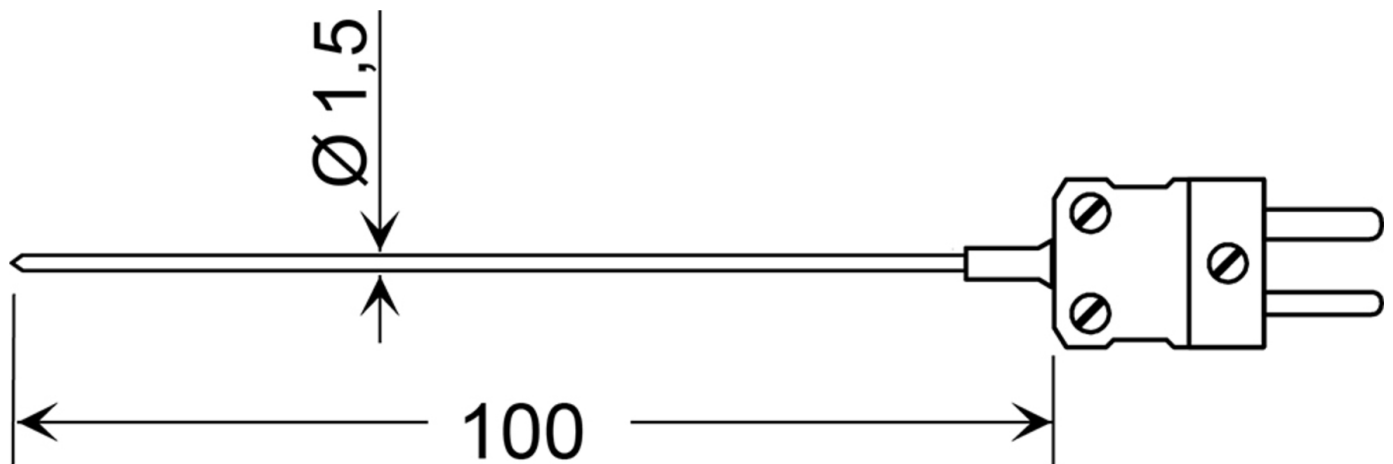
Probe

Connection	Miniature flat pin plug
Probe Diameter	1.5 mm
Handle	None
Probe length	100 mm
Material	AISI 316 stainless steel
Type	Insertion probe

Available product variants

Ordercode	Description	Article No.
GTE130OK	GTE 130 OK - Type K insertion probe for soft plastic food media, measuring -65 ... +400 °C with Class 1 accuracy. The resilient V4A tube has a Ø1.5 mm slim insertion tip and a rigidly connected mini flat pin plug - no cable.	601483

Details



Dimensions in mm