

Angled Type K surface probe for solid surfaces up to +900 °C

GOF 900 HO

Introduction

Hard-to-reach surface points need a probe shape that gives users better access without compromising contact. This angled Type K surface probe is designed for solid surfaces of any kind and uses two laser-welded, spring-loaded NiCr-Ni spiral springs to support secure contact at the measuring point.

The -65 ... +900 °C measuring range and Class 1 accuracy make it suitable for demanding surface temperature checks. Its bent V4A tube with Ø8 mm diameter provides a robust contact probe design, while an approx. 5 s T90 response time helps users take readings without long delays.

The family supports different measuring setups through practical connection and cable options. Versions are available with miniature flat plug or loose ends with ferrules, 130 mm or 400 mm probe length, 1 m or 10 m silicone cable, further cable lengths on request, or a spiral cable of approx. 1.2 m when extended.

Features

Type K sensor element

The probe uses a Type K NiCr-Ni sensor element with Class 1 accuracy for surface temperature measurement.

Spring contact design

Two laser-welded, spring-loaded spiral springs form the contact area for solid surface measurement.

Angled probe body

The probe uses a bent V4A tube with Ø8 mm diameter and is available in 130 mm or 400 mm lengths.

Connection variants

Versions are available with a miniature flat plug or with loose ends and ferrules.

Cable variants

The probe is available with 1 m or 10 m silicone cable, further cable lengths on request, or a spiral cable of approx. 1.2 m when extended.



Easier access

Bent V4A tube helps reach solid surfaces in less accessible positions.



Class 1 accuracy

Type K NiCr-Ni element provides Class 1 accuracy for surface checks.



Quick readings

Approx. 5 s T90 response time helps reduce waiting time during checks.



Connection choice

Available with mini flat plug or loose ends with ferrules.

Technical Specifications

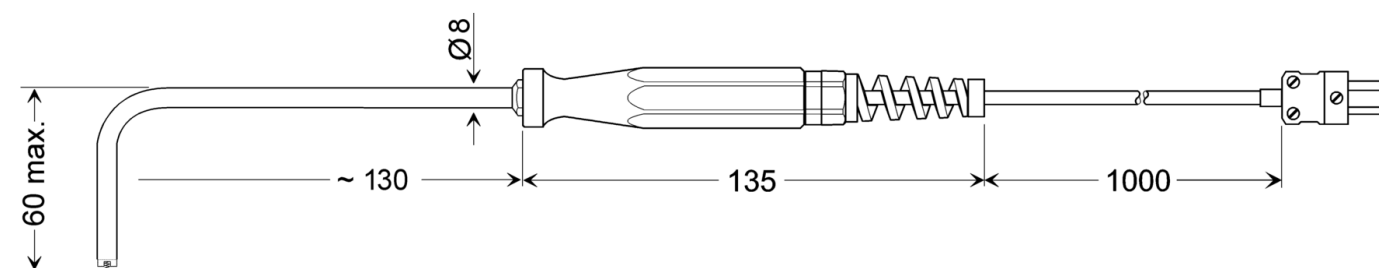
Measurement

Measuring principle	Thermocouples
Temperature sensor	Type K, Class 1
Temperature range TC K	-65...+900 °C
Response Time (T90)	Approx. 5 s

Probe

Connection	Miniature flat pin plug or loose ends with wire end ferrules
Probe Diameter	8 mm
Handle	Hexagonal with kink protection fitting
Probe length	130 mm (Standard) / 400 mm
Material	AISI 316 stainless steel (V4A)
Type	Surface probe
Cable	Silicone (1 m / 10 m, other lengths upon request) or coiled cable (1.2 m stretched)

Details



Dimensions in mm