

# Handheld Thermistor Probe



Made in the UK 

## Description

A precision handheld NTC Thermistor temperature probe with 80mm long penetration tip.

This rigid stemmed hand held thermistor probe has a sharp pointed tip designed to penetrate into solids, semi-solids or liquids.

The thermistor element is housed in a 3.2mm diameter 316 stainless steel tube, which is swaged to a pointed tip. It includes a white plastic handle and a 1 metre coiled cable with stripped ends suitable for instrument connectors, such as; lumberg, lemo or phono, making it compatible with a wide range of hand held indicators.

It has fast response (10 seconds) and an interchangeable 10k thermistor element with excellent long term stability and accuracy.

This hand held temperature sensor can be bespoke manufactured with many options for length, diameter, lead wires, connectors and thermistor elements also available in 2.252k, 5k, 30k, 50k & 100k $\Omega$



## Specification

Product	Handheld Thermistor Probe
Type (R25 $\Omega$ )	10k NTC Thermistor
Temp Range	-50 to 150 $^{\circ}$ C
Beta (B25/85)	3977 $\Omega$
Accuracy	$\pm$ 0.2K (over 0-70 $^{\circ}$ C)
Diameter	3.2mm
Length	80mm Stem length
Material	316 Stainless steel stem
Termination	Stripped tails
Part Number	NFPST

## Features

- 80mm stainless steel penetration tip
- 10 seconds response time
- 0.2 $^{\circ}$ C accuracy
- 1 metre white curly lead

## Application

- Food & Beverage
- Meat, Fish & Cheese
- Liquids

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# Additional Information

## Thermistor Resistance and Accuracy Specifications

R25( $\Omega$ )	B25/85 K	$\pm 0.1K$ (0~70°C)	$\pm 0.2K$ (0~70°C)	$\pm 0.5K$ (0~70°C)
2.252k	3977	232SP - E050	232SP - F050	232SP - G050
3k	3977	302SP - E050	302SP - F050	302SP - G050
5k	3977	502SP - E050	502SP - F050	502SP - G050
10k	3977	103SP - E050	103SP - F050	103SP - G050
30k	4262	303SP - E050	303SP - F050	303SP - G050
50k	4262	503SP - E050	503SP - F050	503SP - G050
100k	4262	104SP - E050	104SP - F050	104SP - G050

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