

NTC Thermistor Probe with Flexible Lead Wire



Made in the UK 

Description

A precision NTC Thermistor temperature probe with 316 Stainless Steel sheath and flexible lead wire.

This range of temperature probes is of stainless steel construction giving the sensor protection in liquids and gases. It has fast response and an interchangeable 10k thermistor element with excellent long term stability and accuracy.

It has a 6mm diameter 316 Stainless Steel housing with standard lengths of 25, 50, 100 & 150mm and 1 metre flexible lead wires of 7/0.2mm stranded conductors with PFA/PFA insulation overall and stripped tails.

These temperature sensors can be bespoke manufactured with many options for length, diameter, lead wires and thermistor elements also available in 2.252k, 5k, 30k, 50k & 100k Ω



Specification

Product	NTC Thermistor Probe with Lead Wire
Type (R25 Ω)	10k NTC Thermistor
Temp Range	-50 to 150 $^{\circ}$ C
Beta (B25/85)	3977 Ω
Diameter	6mm
Length	25, 50, 100 & 150mm standard
Lead wires	1 metre PFA insulated
Accuracy	\pm 0.2K (over 0-70 $^{\circ}$ C)
Material	316 Stainless Steel
Termination	Stripped tails
Part Number	NFCSE

Features

- 10k Ω NTC Thermistor as standard
- 0.2 $^{\circ}$ C Accuracy
- 316 Stainless Steel sheath
- 1 metre PFA flexible lead

Application

- OEM Manufacturing
- Heating and Air Conditioning Systems
- Volume OEM production

For more information visit:

sterlingsensors.co.uk

British Made

All of our sensors are
designed, manufactured
and assembled in the UK

Additional Information

Thermistor Resistance and Accuracy Specifications

R25(Ω)	B25/85 K	±0.1K (0~70°C)	±0.2K (0~70°C)	±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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