

NTC Thermistor Ring Lug Surface Temperature Sensor



Made in the UK 

Description

A Precision NTC thermistor temperature sensor with ring terminal lug and flexible lead wire for surface mounting applications.

This range of temperature sensors is made with tin plated copper ring lug terminals for easy and secure surface mounting, available as standard for use with M4 & M6 studs. It has fast response and an interchangeable 10k thermistor element with excellent long term stability and accuracy.

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



Features

- 10k Ω NTC thermistor as standard
- 0.2°C Accuracy
- M4 & M6 ring lug terminals
- 1 metre PFA flexible lead

Application

- Electric motors
- HVAC systems
- Volume OEM production

Specification

Product	Ring Lug NTC Thermistor Sensor
Type (R25 Ω)	10k NTC Thermistor
Temp Range	-50 to 150°C
Beta (B25/85)	3977 Ω
Accuracy	$\pm 0.2K$ (over 0-70°C)
Terminal	To suit M4 & M6 studs
Material	Tin plated copper
Lead Wires	1 metre PFA insulated
Termination	Stripped tails
Part Number	NFLUG

Want to learn more?

Visit our technical reference pages.



For more information visit:

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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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