Hermetically Sealed Wire Thermistor Sensor - 1m

XE-9874-001

Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockists of Thermocouple Cables. The Company has been trading since 1971 and is ISO 9001 accredited.

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Hermetically sealed 2-wire 10K NTC thermistor sensor for corrosive or wet environments (IP67 Rated)

Key Features:

- Resistance Value: 10K ohms
- Type: NTC (Negative Temperature Coefficient) thermistor, meaning its resistance decreases as the temperature increases.
- Temperature Range: Capable of accurately measuring temperatures from -30°C to +150°C.
- Wiring: 2-wire configuration for simple connectivity.

An IP67 wire sensor that is hermetically sealed for use in corrosive or wet environments.

This versatile multi-purpose sensor has been specifically designed for use in and to protect against corrosion in harsh or wet environments. It has a quick response time and can be easily cleaned. The impermeable PFA insulated flexible wire thermistor provides exceptional resistance to oils, fluids, gases, and chemicals and is electrically isolated.

The tip contains a 10K NTC Thermistor, which is weld-sealed to give a continuous PFA coating along the entire length and provide an atmosphere that is airtight and moisture-proof .

Typical Applications

- Pharmaceutical, Autoclaves and Sterilisation
- Food & Catering
- Environmental & Geothermal
- Laboratory and Research & Development

Datasheet

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Specifications

General Description	An IP67 sensor that is hermetically sealed for use in corrosive or wet environments
Sensor Type	Hermetically sealed thermistor
Thermistor	10K NTC Thermistor
BETA 25/85	3977K
Cable Length	1m
Cable Type	2 wire flexible 7/0.2mm stranded conductors (24AWG) with 75mm tails
Core / Strands	7/0.2mm (24AWG)
Cable Termination	75mm Bare Tails
Max. Temperature	+150°C
Min. Temperature	-30°C
IP Rating	67
Accuracy	+/- 0.2K (over 0-70°C)
Important Information	Pressure tested at 40 PSI as standard

Ordering Information

Type	Cable Length	Order Number
10K NTC Thermistor	1m	XE-9874-001