Self-Adhesive Patch Thermistor Sensor - 3m







Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockings of Thermocouple Cables. The Company has been trading since 1971 and is ISO9001 accredited.

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Datasheet

This 2-wire 10K NTC thermistor with a self-adhesive foil backing, flexible silicone rubber patch, and a temperature range of -50 to +150°C, is a versatile temperature sensing device.

Key Features:

Resistance Value: 10K ohms

Type: NTC (Negative Temperature Coefficient) thermistor, meaning its resistance decreases as the temperature increases.

Adhesive Backing: Self-adhesive foil backing ensures better thermal contact and faster response time to temperature changes.

Flexible Silicone Rubber Patch: Provides durability and flexibility, allowing the thermistor to be attached to curved or uneven surfaces.

Temperature Range: Capable of accurately measuring temperatures from -50°C to +150°C.

Wiring: 2-wire configuration for simple connectivity.

Applications:

Surface Temperature Monitoring: Ideal for attaching to surfaces where direct contact temperature measurement is needed, such as on heat sinks, pipes, or electronic components.

Environmental Monitoring: Useful in HVAC systems, climate control devices, and other applications requiring ambient temperature measurement.

Industrial Processes: Suitable for monitoring temperatures in industrial equipment and processes, especially where fast response and precise measurements are critical.

Specifications

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Product Code	XE-9901-001
General Description	Suitable for general purpose industrial & commercial use
Sensor Type	Silicone rubber patch with self-adhesive foil backing
Patch dimensions	L40 x W15mm
Cable Length	3m
Cable Type	PTFE insulated twisted leads

Core / Strands	7/0.2mm
Cable Termination	Bare Tails
Max. Temperature	+150°C
Min. Temperature	-50°C
Accuracy	+/- 0.2K (over 0-70°C)
Number of Wires	2
Series	Patch Thermistor Probes 10k