



ATC Semitec - Epoxy Coated IP67 Thermistor Sensors

A cost-effective range of single-insulated, fully encapsulated sensors offering up to IP67 waterproof protection. The sensor tip is coated with a tough epoxy seal that completely covers the NTC and lead-wire interface.

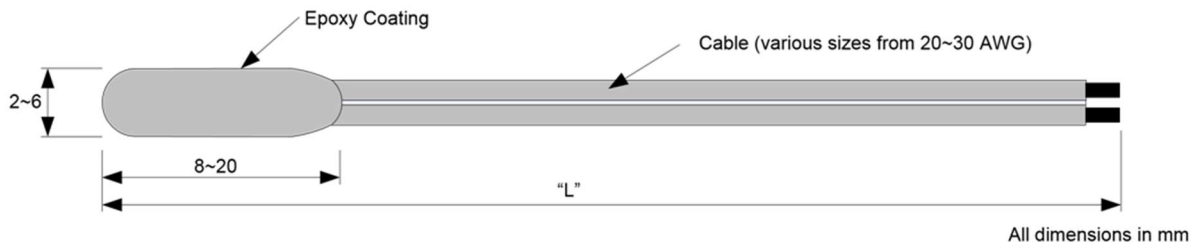
Suitable for general purpose sensing, e.g. air conditioning, battery monitoring, under-floor heating, etc. these epoxy-coated sensors ensure a high degree of moisture resistance.

Features

- Cost-effective
- Insulation: Epoxy-coating
- Di-electric strength: 3.75kVAC
- Cable length: 50mm to 10metres
- -50 / +110°C (125°C)

Applications

- Automotive,
- Medical devices,
- Battery Packs,
- HVAC



Thermistor Options

The epoxy coated probes can use the following thermistor series;

NTC Range	R25 Values	R25 Tolerances	NTC Temp. Range
ET Series	2kΩ – 232kΩ	1% - 3%	-60 / +100°C
AT Series	1kΩ – 100kΩ	1%	-50 / +110°C
NT Series	5kΩ – 1MΩ	1% - 3%	-60 / +300°C
AP Series	2kΩ – 200kΩ	0.5% - 1%	-60 / +150°C
SP Series	1kΩ – 100kΩ	0.2% - 0.5%	-60 / +150°C

Mounting and Other Options

A range of stainless-steel housings can be added to increase sensor robustness or provide various mounting options. Various connectors can be added to offer a complete sensor solution.

For further information please contact us at sales@atcsemitec.co.uk