



Semitec NTC Thermistor Probe AT-11 Series

ATC Semitec stock a range of single-insulated, fully encapsulated sensors offering IP67 waterproof protection. The sensor tip is moulded directly onto the cable ensuring the interface is completely sealed.

The AT-11 is a go-to sensor with its small sensor tip responding quickly to temperature change. The flexible leads enable easy installation and the AT-11 offers industry standard resistance values such as the 10kΩ/B3435K (103AT-11).

Key Applications

- General temperature sensing
- Heat pumps
- Domestic heat recovery
- Battery stack monitoring
- Refrigeration controls
- Underfloor heating

Features

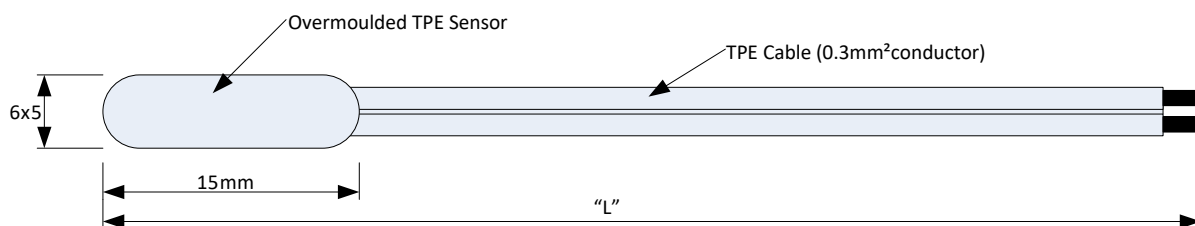
- IP67 protection
- Absolute integrity against moisture ingress
- Di-electric strength 3.75kVAC

Temperature Sensor Range

- -50 to +110°C

Cable Length

- Stock lengths of 0.6m, 1.5m, 3m
- Custom up to 10m



Thermistor Options

The AT-11 probes can utilise the following thermistor series;

NTC Range	R25 Values	R25 Tolerances	NTC Temp. Range
AT-2 Series	1kΩ – 100kΩ	1%	-50/+110°C
AP-2 Series	2kΩ – 200kΩ	0.5% or 1%	-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.

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