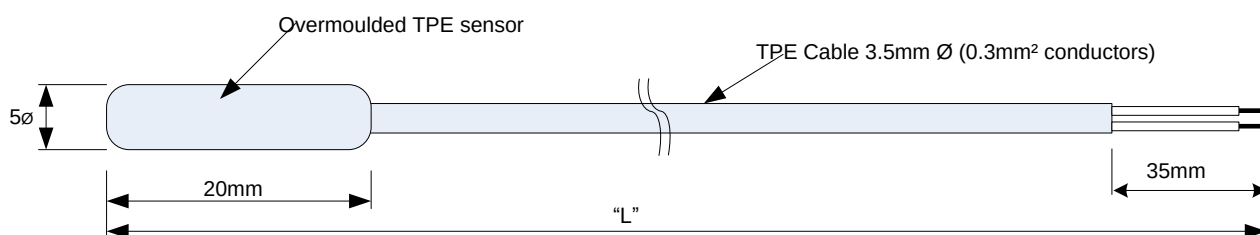
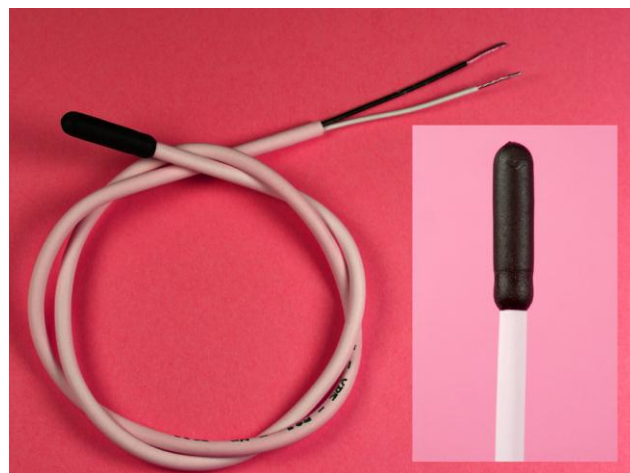


## IP68 Pt100 Platinum Sensors

A range of double-insulated, fully encapsulated Pt100 temperature sensors offering IP68 waterproof protection.

Suitable for refrigeration, air-conditioning, solar and under-floor heating, these platinum sensors ensure absolute integrity against moisture ingress.

- Temperature range: -50/+110°C (IP65 version upto 150°C available)
- Di-electric strength: 4kVAC
- Primary insulation PP, secondary insulation TPE
- Cable length: 200mm to 10metres (others available on request)



### Sensor Options

The probes can utilise the following platinum elements;

| <u>Pt Sensor</u> | <u>R0 values</u> | <u>R0 Tolerances</u> | <u>Pt Element Range</u> |
|------------------|------------------|----------------------|-------------------------|
| SPT101A2X2N      | 100Ω             | Class A (4-wire)     | -50/+300°C              |
| SPT101B2X2N      | 100Ω             | Class B (2-wire)     | -70/+500°C              |
| SPT501B2X2N      | 500Ω             | Class B (2-wire)     | -70/+500°C              |
| SPT102A2X2N      | 1000Ω            | Class A (4-wire)     | -50/+300°C              |
| SPT102B2X2N      | 1000Ω            | Class B (2-wire)     | -70/+500°C              |

### Mounting & Other Options

A range of stainless steel housings can be added to increase sensor robustness or provide various mounting options.

Different linear PTC elements such as our SKTY series 1kΩ and 2kΩ are also available.