

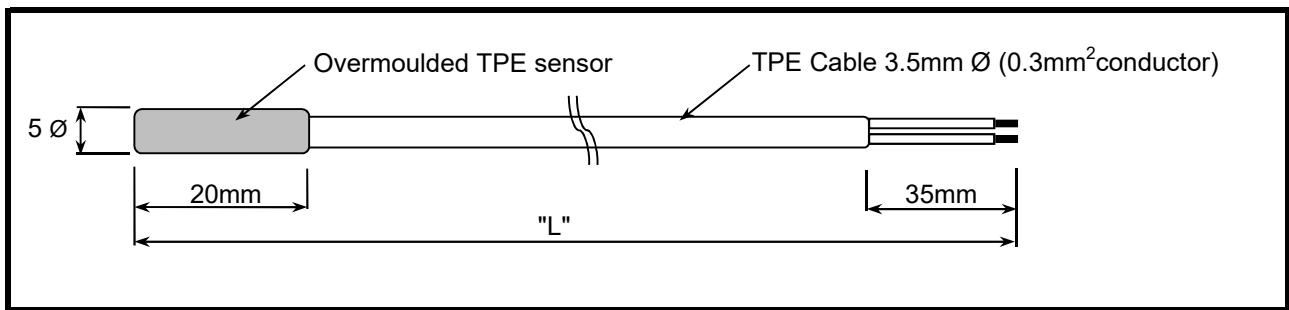
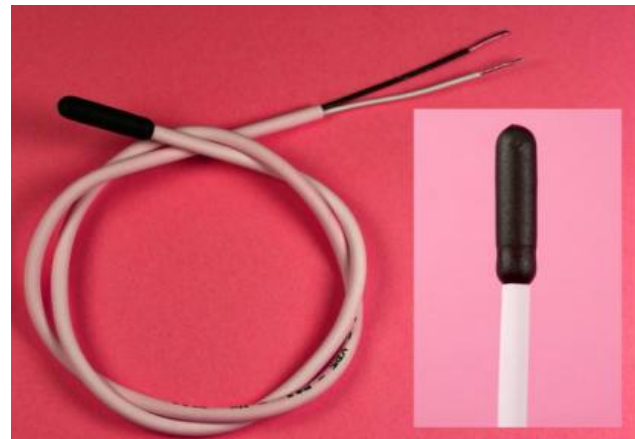


IP68 Rated Platinum Temperature Sensors

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

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

- Temperature range: -50/+110°C continuous
- Di-electric strength: 4kVAC
- Primary insulation PP, secondary insulation TPE
- Cable lengths from 200mm to 10metres



Sensor Options

These probes can utilise the following platinum elements;

<u>Pt Element</u>	<u>R0 Values</u>	<u>R0 Accuracy</u>	<u>T0 Tolerance</u>
SPT101A2X2N	100Ω	Class A (4-wire)	±0.15K at 0°C
SPT101B2X2N	100Ω	Class B (2-wire)	±0.3K at 0°C
SPT501B2X2N	500Ω	Class B (2-wire)	±0.3K at 0°C
SPT102A2X2N	1000Ω	Class A (4-wire)	±0.15K at 0°C
SPT102B2X2N	1000Ω	Class B (2-wire)	±0.3K at 0°C

Other Styles & Mounting Options

Single-insulated IP67 versions and stainless steel housings are also available - the housings help to increase sensor robustness and/or provide various mounting options.

Different linear PTC elements such as our 1kΩ and 2kΩ SKTYs can also be supplied