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IP68 Pt100 Platinum RTD Sensors

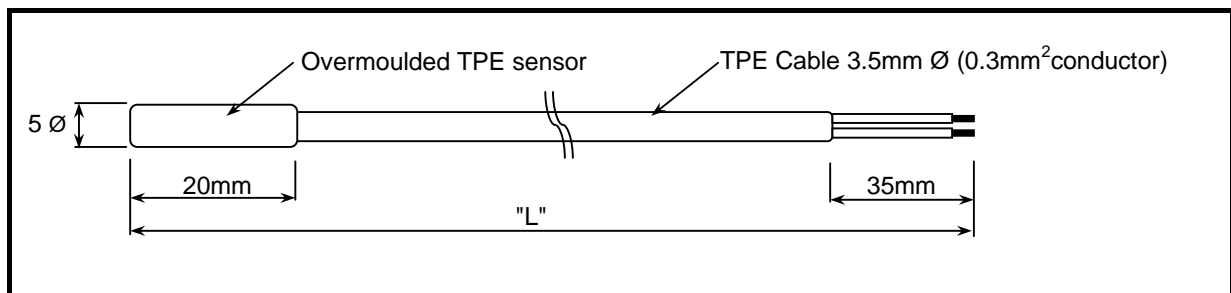
A range of double-insulated, fully encapsulated Pt100 sensors offering IP68 waterproof protection. Suitable for refrigeration, air-conditioning, solar and underfloor heating, these sensors ensure absolute integrity against moisture ingress.

Sensor temperature range: -50/+110°C (IP65 version upto 150°C available)

Di-electric strength: 4kVAC

Primary insulation PP, secondary insulation TPE

Cable length from 200mm to 10metres (others available on request)



Sensor Options

These probes can utilise the following platinum elements;

<u>Pt Sensor</u>	<u>R0 Values</u>	<u>R0 Tolerance</u>	<u>Pt Element Range</u>
SMPT101A	100ohms	Class A (4-wire)	-30/+300°C
SMPT101B	100ohms	Class B (2-wire)	-50/+500°C
SMPT501B	500ohms	Class B (2-wire)	-50/+500°C
SMPT102A	1000ohms	Class A (4-wire)	-30/+300°C
SMPT102B	1000ohms	Class B (2-wire)	-50/+500°C

Mounting & Other Options

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

Different PTC elements such as SKTY series 1k and 2k ohm also available