

APPLICATIONS

- Industrial temperature measurements
- Motor test-benches
- Fluid (air, water, hydrocarbon) temperature measurement



DESCRIPTION

This model of temperature sensor exists in PT100 platinum probe version or in thermocouple version. It is ideal for ambient temperature measurements. This range of sensors is equipped with a shielded Teflon extension cable and a support plate for fixing

TECHNICAL FEATURES

Features	PT100 version	Thermocouple version
Tolerance class	Class A as standard DIN 43760 and NFC 42330	Class 1 as standard NFC 42321 and CEI 584
Accuracy	$(0,15^{\circ}\text{C} + 2 \times 10^{-3} \times T^{\circ})$, is : +/- 0,35°C to 100°C	(thermocouple K) +/- 1,5°C from -40°C to +375°C +/- 0,004 x IT°I from +375°C to 1000°C
Temperature resistance	250°C	250°C

2 mounting brackets with 3 mm diameter holes

OPTIONS

Options	Note
Tolerance class	1/3 and 1/5 Standard in PT100 platinum probe version
Diameter and lengths	On demand
Temperature	High temperature

ORDER

ATA : Model under openwork stainless steel tube extended by a 2 m long shielded Teflon extension cable as standard.

5 : Stainless steel tube diameter in mm

100 : Sheath length in mm (or other to specify)

PT100 : Type of sensor : Platinum PT100 probe according to DIN 43760 (NFC 42330) or thermocouple : K, J, T, E, S, B, N, R

SPHEREL Systems reserves the right to make any kind of design or functional modification at any moment without prior notice.