

ATA Series

PT100 for air and gas temperature measurement

Ref : 2144

Rev: A



DESCRIPTION

This model of temperature sensor exist in PT100 platinum probe or 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.

MESUREX is a sensor manufacturer. We can adapt most sensors to your needs. Please [contact us](#).

TECHNICAL CHARACTERISTICS

	PT100	Thermocouple
Temperature range	+250°C	+250°C
Tolerance class	A Class standard, according to DIN 42760 and NFC 42330	Class 1, according to NFC 42321 and CEI 584
Precision	$(0.15^{\circ}\text{C} + 2 \times 10^{-3} \times T^{\circ})$: $\pm 0.35^{\circ}\text{C}$ at 100°C	(K type thermocouple) +/- $1,5^{\circ}\text{C}$ de -40°C à $+375^{\circ}\text{C}$ +/- $0,004 \times T^{\circ} $ de 375°C à 1000°C

2 fixing brackets with holes $\varnothing 3\text{mm}$

OPTIONS

Tolerance class	1/3 and 1/5 in PT100 platinum probe version
Temperature	High temperature
Diameter and length	On request
Other need	Please contact us

ORDER

ATA: model in perforated stainless-steel tube, with 2-meter-long shielded Teflon extension cable standard

5: diameter of the stainless-steel tube (in mm)

100: length of the sheath (in mm) – Other length on request

PT100: sensor type - PT100 platinum probe according to DIN 43760 (NFC 42330) norm, or thermocouple K, J, T, E, S, B, N or R

CONTACT

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