

TEMPERATURE GAUGE *for* WATER, AIR & CONCRETE



Temperature gauges (model Pt100) are used to measure air, water or concrete temperature.

The sensing element is made of a normalized platinum conductor having a shear strength value of 100Ω at 0°C . It has very small dimensions : $10 \times 2 \times 0.9 \text{ mm}$.

The gauge is housed in a sturdy stainless-steel case filled with resin to protect it from damage.

It is equipped with a high quality waterproof cable-grip and waterproof polyure-

thane cable allowing it to be submerged in water or embedded in concrete.

Measurements are very easy to take and are taken by means of 4 conductors, the value is not affected by the cable length.

The readings can be taken by a hand held reader or an electronic data logger.

Depending on the use of the instrument and response time requested, different types of temperature gauges are available.

TECHNICAL SPECIFICATIONS

4-wire Thermoresistor

Sensor Type	Pt100
Supply	1 mA
Measurement range	-50 ÷ 100 °C
Accuracy	DIN IEC 751 CLASSE A (±0,15 °C α 0°C)
Dimensions	10 x 2 x 0,9 mm

Casing for Pt100 gauge

Material (for standard model)	Stainless steel—dimensions: Ø = 10 mm; L = 150 mm or upon request
Protection level	IP68

Agisco reserve the right to change their products and specifications without notice

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