



Temperature probe sensor PT100

This sensor is designed for an accurate measurement of the temperature of raw materials, liquids or crops in storage. Especially for places where it is necessary to monitor in the center such as a pile of crops, reservoirs, soil or any similar situation. Available with different probe length (50, 100, 200mm)



Specifications

Operating conditions	Temperature	-60 to 180 °C
	Relative humidity	up to 100%
Structural	Dimensions (d × L)	Dimensions of the probe, 3 options: 6 x 50 mm 6 x 200 mm 6 x 300 mm All sizes come with a cable of around 2m 200g
	Weight	140 - 180 g depending on probe size
Structural	Material	Stainless steel for the probe with Silicone cable
	Mounting options	The probe of the sensor should be placed between the materials or in the liquid.
	Power source	IP65

Measurement specifications

Temperature	Range	-200 to 600 °C
	Accuracy	±0.15 °C at 0 °C
		±0.51 °C at 180 °C
		±0.27 °C at -60 °C
	Resolution	0.1 °C



30MHz Connect

Every 30MHz sensor is powered by the Connect. It acts like the middleman between the sensor and the platform. This casing protects the electronics from greenhouse environment like moisture, dirt, and changing climate conditions.

The connect comes with a universal mounting bracket.



Specifications

Operating conditions	-10 to 55 °C (10 to 45°C while charging)
Dimensions (L x W x H)	Case: 183 x 113 x 107 mm
	Mounting bracket: 165 x 210 x 205 mm
Range	Indoors from 200 to 400 m (depending on Greenhouse layout)
Power source	Rechargeable battery (duration dependent on the sensor connected)
Protection	Water and dust according to IP67

