



SensGuard PT100HA Sensor



SensMax SensGuard PT100 HIGH ACCURACY is a wireless temperature sensor designed for temperature monitoring in a range of -200°C and up to $+200^{\circ}\text{C}$.

The sensor works from two AAA batteries for up to 2 years. Temperature measurement accuracy is $\pm 0.1^{\circ}\text{C}$ and resolution is 0.01°C .

It has the 1.5m long temperature probe that is used for extreme cold and high temperature measurements.

Remote temperature sensor delivers statistics to a server using LAN/Internet gateways for every 5 minutes. Connectivity range to the data gateway is up to 150m.

Application	Freezing/cooling equipment, Heating and ventilation system, Industrial environment, Laboratory
Temperature range	$-200^{\circ}\text{C} \dots +200^{\circ}\text{C}$
Temperature probe length	1.5 m
Measurement accuracy	$\pm 0.1^{\circ}\text{C}$
Measurement resolution	0.01°C
Measurement period	5 minutes
Battery type	2xAAA
Battery life	2 years
Communication frequency	868 MHz
Communication range	Up to 150m
Data signal encryption	AES128
Dimensions	67x67x25 mm
Fixture	Double-sided adhesive tape

Features:

- Wireless temperature sensor
- Replaceable batteries
- Sensor probe
- Extended temperature range
- High accuracy measurements

Data delivery to a server using:

- SensGuard TCP LRX2 data gateway