



SensGuard PT100 Sensor



Application	Freezing/cooling equipment, Food storage, Data center, Heating and ventilation system, Smart building, Industrial environment, Laboratory
Temperature range	-50°C ..+200°C
Temperature probe length	1.5 m
Measurement accuracy	±0.2°C
Measurement resolution	0.1°C
Measurement period	5 minutes
Battery type	2×AAA
Battery life	5 years
Communication frequency	868 MHz
Communication range	Up to 150 m
Data signal encryption	AES128
Dimensions	67×67×25mm
Fixture	Double-sided adhesive tape

Wireless temperature sensor with probe SensMax SensGuard PT100 designed for temperature monitoring in a range of -50°C and up to +200°C.

This sensor measures temperature with $\pm 0.2^\circ\text{C}$ accuracy and 0.1°C resolution using a temperature probe with a length of 1.5m. It works using standard AAA batteries for at least 5 years.

Temperature measurements delivered from the sensor to a server every 5 minutes using LAN/Internet gateway.

Wireless sensor connectivity range to the data gateway is up to 150m.

Features:

- Wireless temperature sensor
- Replaceable batteries
- Sensor probe
- Extended temperature range

Data delivery to a server using:

- SensGuard TCP LRX2 data gateway