



## IP 68 Temperature Sensor harsh environment use

Ref: TEM-LAB-13NS

This Senlab T is a smart LoRaWAN™ sensor with a high precision temperature sensor, at  $\pm 0.2^{\circ}\text{C}$  accuracy.

The ruggedized and IP68 design mean this Senlab T is well suited for continuous temperature monitoring in harsh environment.

Sensing Labs advanced sensors offer advanced functionalities such as:

- Datalogging (24 points / radio transmissions)
- High and Low temperature alarm notification
- “over the air” reconfiguration

LoRaWAN™



20 years \*



15 km \*



IP68  
(Outdoor use)



Local or Public  
Network compliant

## Typical applications

Outdoor, crops, silo,  
temperature monitoring

Factory processes, goods  
storage, traceability

### Technical specifications

Physical dimensions	56 x 102 x 35 mm
Weight	140 gr
Operating temperature	-20°C to +70°C
RF sensitivity	-137dBm
RF power	+14dBm (25mW)
Radio band	868 MHz
EMC Compliance	ETSI EN 301 489-1, ETSI EN 301 489-3, EN 61000-6-2
Radio Compliance	EN 300 220-1 V 2.4.1 (2012-05) EN 300 220-2 V 2.4.1 (2012-05)
Magnetic field exposure	EN 62479
Safety	IEC 60950-1, EN 60950-22

\*Depending on the operating conditions