

Temperature Sensor

Model: TS-70



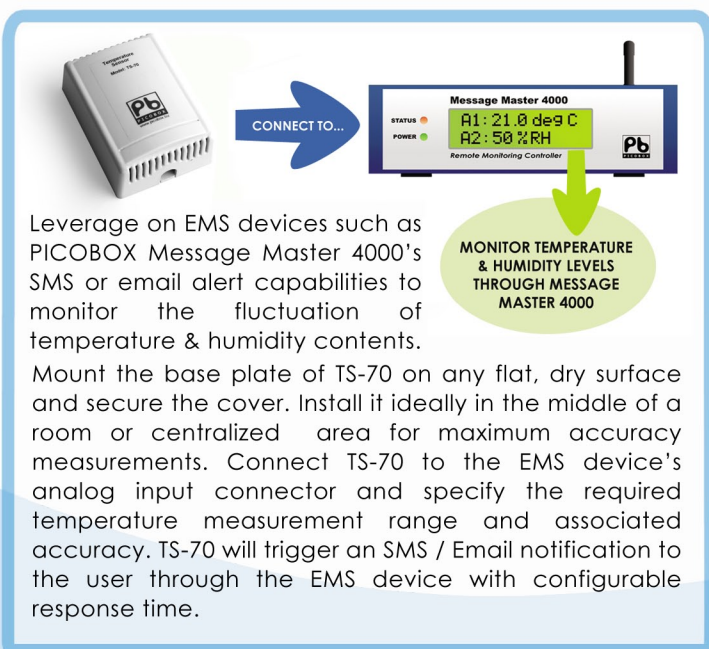
Your reliable ambient temperature sensor

Overview

PICOBOX Temperature Sensor (TS-70) was designed to measure ambient temperature levels of a room or a single enclosure. The compact unit housed an analog output of 4-20mA with noise filter and operating on a DC voltage of 12V.

Its dedicated IC sensor provides linear and accurate measurement. TS-70 works as a companion product with an Environment Monitoring System (EMS) device, where you could monitor temperature level remotely via SMS / Email alert send from the device when levels fall out of the expected range.

SMS / Email Alert



Leverage on EMS devices such as PICOBOX Message Master 4000's SMS or email alert capabilities to monitor the fluctuation of temperature & humidity contents.

Mount the base plate of TS-70 on any flat, dry surface and secure the cover. Install it ideally in the middle of a room or centralized area for maximum accuracy measurements. Connect TS-70 to the EMS device's analog input connector and specify the required temperature measurement range and associated accuracy. TS-70 will trigger an SMS / Email notification to the user through the EMS device with configurable response time.

Features

- Durable & compact ABS plastic chassis
- Reliable & low maintenance
- Wide DC voltage
- 4 - 20mA Analog output that comes with noise filter
- Accuracy measurements of +/- 0.5°C

Authorised Distributor / Reseller

Applications

TS-70 is specified for maximum accuracy measurements of +/- 0.5°C. It can be mounted on any dry surface, on a flat interior wall or above suspended ceilings and be used in typical area such as:

Some typical areas:

- Data Centres
- Computer / Server Rooms
- Telecommunication Cabinets
- Research / Medical Laboratories
- Hospitals
- Green House
- Weather Stations
- Generator Room
- Commercial Buildings
- Educational Institutions

Specification

Chassis: ABS plastic

Operating voltage: 12-24V DC

Interface: 2-wire loop powered, non-polarized

Output: 4-20mA, with noise filter

Dimension: 75(L) x 55 (W) x 25 (H) mm

Weight: 100g

Accuracy: +/- 0.5°C

Range: 0-70°C

In the interest of product development, specifications are subject to changes without prior notice.