

THS-104D

Temperature and Humidity Sensor



OVERVIEW

PICOBOX THS-104D was designed to measure both ambient temperature and humidity level of a room or a single enclosure. This can be extracted thru 4-20mA analog output. The compact unit operates on a DC voltage of 12-24V and comes with noise filter.

Its dedicated IC sensors provides linear and accurate measurement. THS-104D work as a companion product for Environmental Monitoring System (EMS) devices, where you could monitor temperature & humidity level remotely via SMS / Email alert sent from the device when levels fall out of the pre-configured threshold.

APPLICATIONS

- ✓ Data Centers
- ✓ Computer Room / Server Rack
- ✓ Network Room / Telecommunication Cabinet
- ✓ Research / Medical Laboratories
- ✓ Hospitals
- ✓ Generator Room
- ✓ Commercial Buildings
- ✓ Educational Institutions



SMS and Email Alert

Leverage on EMS devices such as Picobox REX, with SMS or Email alert capabilities to monitor the fluctuation of temperature and humidity readings. Install ideally in the center of a room away from air condition/heater for maximum accuracy measurements. Connect the THS-104D via 4-20mA analog output and set the specific required temperature/humidity measurement range and associated accuracy. THS-104D will notify the users via SMS/Email through an EMS device with configurable response time.

FEATURES

- ✓ Durable and compact ABS plastic chassis
- ✓ Reliable and low maintenance
- ✓ Easy to install
- ✓ Wide DC Voltage
- ✓ 4-20mA analog output
- ✓ Comes with noise filter
- ✓ With LCD screen for visual display and easy operation

TECHNICAL SPECIFICATION

Model	THS-104D
Operating Voltage	12 ~ 24VDC
Interface	4 wire (2 power, 1 temperature, 1 humidity)
Output	4-20mA, with noise filter
Dimension	100 (L) x 80(W) x 30(H)
Accuracy	+/-0.5DegC, +/-5%RH
Range	0-50 DegC, 0-100%RH
Communication	4-20mA analog output



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