TM-185A Temperature / Humidity Monitor
TM-187A CO^2 Monitor

NEW

TM-185A

TM-187A

Features

- Complete environmental monitoring and alarm solution.
- Wall-Mounted LED type for easy reading.
- Alarm set for CO2 and Temperature and Humidity.
- USB Datalogging Capacity 65,000 records.
- Real-time data display.

Applications

- Warehouses.
- Laboratories.
- Computer rooms.
- Refrigerators.
- Chambers / incubator.
- Electronics manufacturing.
- Clean rooms.
- Defense.
- Hospitals blood / Tissue banks.
- Other Critical areas.

Technical parameters:

Sampling time	1 time / second
Interval time	1s~24hrs
Output interface	RS485/RS-232/USB With a time of three options
Analog output	4-20mA Output（RL≦250Ω）
Dry contact (Relay Switch)	Contact：Max. 1A @30Vdc Resistive load
Power	24Vac / Vdc ±20%(50…60Hz) and 9-15V Adaptor
Power consumption	6W@ 24Vdc

Temperature:

Type	Diode
Range	-20°C~70°C / -4°F~158°F
Accuracy	±1.0°C (5~60°C)other ±2°C
Resolution	0.1°C / 0.1F (0~35°C / 32°F~95°F) ; 1°C / 1°F(over 100°C/°F or below -10°C/°F)
Response Time	Typ.1 second

CO2 (TM-187A only):

Type	Non-dispersive infrared(NDIR)
Range	1 to 9999ppm
Accuracy	±5% of reading or ±70ppm. (0-2000ppm, others out of scale range)
Resolution	±1ppm
Response Time	Typ. 2 minutes by 90%

Relative Humidity:

Type	Capacitive
Range	5-95%
Accuracy	±5.0%RH(20~80%); ±8.0%RH(<20%,>80%)
Resolution	0.1%
Response Time	Typ. 4 seconds

	CO^2	Humidity	Temp	65,000Record	Clock	RS-232	RS-485	RELAY *1	4-20mA
TM-185A		●	●	●	●	●	●	●	●
TM-187A	●	●	●	●	●	●	●	●	●