

## FU8072

### DIGITAL TEMPERATURE AND HUMIDITY METER

FU8072 temperature and humidity meter are made of PIC single chip microprocessor, with stable performance and high reliability. It can be set the upper and lower limits warning value of the temperature, humidity according to the need, with LED indicator light and the contact output. It has been used many in power distribution cabinet, ring network cabinet communication cabinet and feeders etc.

### Application

1. Industrial system;
2. Intelligent building;
3. Data transmission center;
4. Power monitoring system;
5. Commercial, industrial, utility;
6. Low voltage distribution cabinet;
7. Electric energy metering cabinet;
8. High voltage distribution cabinet;
9. Medium and low voltage systems;
10. Industrial and mining enterprises;
11. Energy consumption monitoring system;
12. Metering of distribution feeders, motors;
13. Electric energy metering of photovoltaic power station;



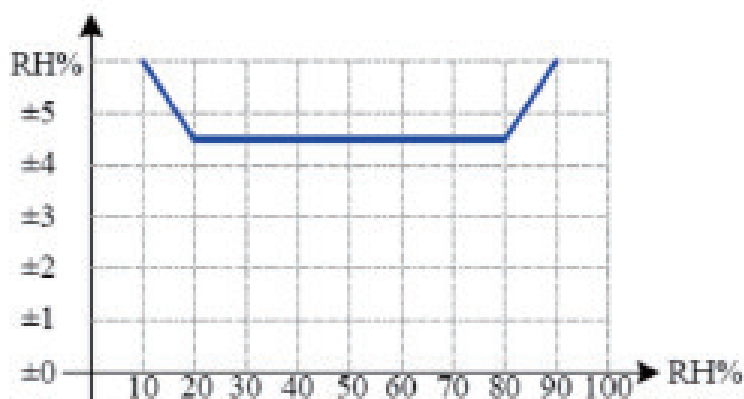
### Features

1. Microprocessor based Design;
2. Backlight Alphanumeric Display;
3. Useful for panel mounting cabinet;
4. Wide measuring range, high accuracy;
5. With standard temperature and humidity sensor;
6. Reasonable structural design and flexible installation;
7. Simultaneous measurement of RH and Temperature;
8. Digital temperature and humidity type to measure the probe;

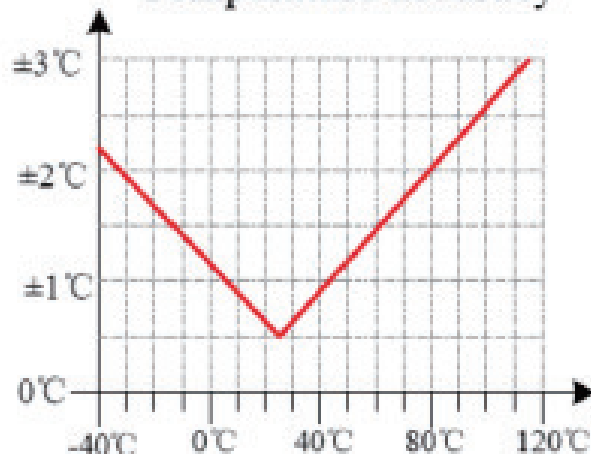
## Technical Index

Technical Index	
Measuring range	Temperature: -25 to +60°C Humidity: 0-100%
Switching output	AC 250V/DC 30V, 5A
Power supply	AC 220V
Power consumption	3VA
Dimension	48mm x 48mm x 100mm
Installation mode	45mm x 45mm

Relative Humidity absolute accuracy



Temperature accuracy



Accuracy and input range of the corresponding diagram

## Wiring diagram

