

Industrial Temperature and Humidity Transmitter User Manual



Key Description

This product is equipped with a key setting function, the key layout is as follows:









Description of key functions:

Key	Function	Instructions
Menu	Menu	Function menu selection
(2)	Right shift/decrease	Cursor right/value -1
仓	Plus	Numerical value +1
Enter	Enter	Confirm key

Temperature and humidity display in standby mode:

T: 20.7 °C

H: 70.2 %RH

When the temperature and humidity reaches the threshold, it will trigger the sound and light alarm; at the same time, the screen will appear what alarm prompts:

①Temperature Alarm Alert

Upper temperature limit

T: 20.7 °C

H: 70.2 %RH

Lower limit of temperature

T: 20.7 °C

H: 70.2 %RH

T> Upper temperature limit

T< Lower limit of temperature



2 Humidity Alarm Alert

Upper humidity limit

T: 20.7 ℃

H: 70.2 %RH

Lower humidity limit

T: 20.7 ℃

H: 70.2 %RF

H> upper humidity limit limit

H< Lower humidity limit

①Temperature threshold setting

In standby mode, press (Menu), enter the temperature threshold setting as follows

Temperature alarm setting:

Upper limit: 080.0 ℃

Lower limit: -40.0 ° C

Set the threshold by pressing

and 🛈 key

Confirm and save the exit.

②Temperature threshold setting

In standby mode, press twice threshold setting as follows

Menu, Enter the humidity



Humidity alarm setting:
Upper limit: 099.9%RH
Lower limit: 000.0% RH

Set the threshold by pressing and key, Confirm and save exit.

③Address Setting In standby mode, press three times Go to Address Settings:

Address setting:
Addr: 1

Set the threshold by subtracting and adding.

4 Alarm Settings

In standby mode, press four times Go to address settings ,as follows



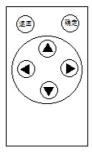
Sound and light Settings:

On

Off

Set the threshold by turning it on (s) and (i) off.

(5) Infrared remote control



Customers can also choose the optional infrared remote control for parameter setting.

Attention

- Avoid installing in the zone where heat conduction, or temperature difference exists to avoid inaccurate temperature and humidity data. Do not place the product in a high temperature and high humidity environment for a long time.
- The transmitter should be installed in a stable environment, away from air-conditioning vents, windows, doors, heating equipment, etc., and away from direct sunlight.



- Try to stay away from high power interfering devices to avoid inaccurate measurements. Please read this instruction before use to make sure the wiring is correct.
- If you want to disassemble the sensor, disconnect the power supply before operation, do not use metal objects or directly touch the internal components with your hands.
- Prevent chemical reagents, oil, dust, etc. from directly infringing on the sensor, do not use it in a dewy environment, extreme temperature environment for a long period of time, do not carry out hot and cold shock.

Upkeep

- Long-term use of the transmitter will cause the transmitter to shift, in order to ensure that the output data is accurate, it is necessary to calibrate once a year.
- ◆ The sensor filter (if available) can be disassembled after 2-3 months of use and the filter cleaned to ensure proper air circulation.

Delivery, storage

- The transmitter should avoid vibration as much as possible, and be handled gently.
- ◆ Long-term storage conditions: 10 °C ~40 °C, 20 %RH ~60 %RH.