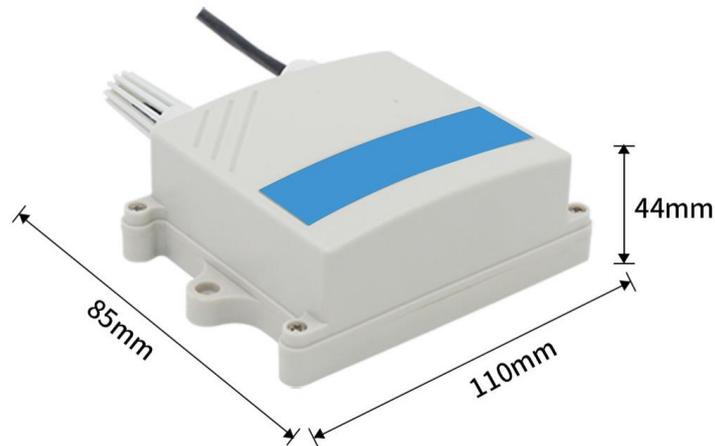


Temperature and Humidity Transmitter Sensor RS485 Modbus RTU 4-20mA 0-10V 0-5V Analog Air Moisture Probe Monitor Wall Mounted Industrial Agricultural Greenhouse (4-20mA)



Analog 0-10V voltage output

Voltage	Temperature	Humidity
4mA	-40°C	0%
20mA	80°C	100%

The calculation formula is $P \text{ temperature} = (I(\text{current}) - 4\text{mA}) * 7.5 - 40 (\text{°C})$ The calculation formula is $P \text{ humidity} = (I(\text{current}) - 4\text{mA}) * 6.25 (\%)$, and the unit of I is mA.

For example, the humidity of the collected data under the current situation is 16 mA, and the calculated humidity value is 75% at this time. The temperature is 8 mA, at this time the calculated temperature value is -10 °C.

Interface Description

DC 24V power supply. For analog products, pay attention to the positive and negative signal wires, and do not reverse the positive and negative current/voltage signal wires.

	Color	Description
Power	Brown	Power+
	Black	Power-
Output	Blue	Temperature Signal+
	Green	Temperature Signal-
	Yellow	Humidity+
	White	Humidity-