

# Temperature Humidity sensor

Model: TH202

TH202 is a combination sensor of air temperature and air humidity with special shield. This sensor is different from similar type because of RS485 serial output.



## Applications

- Research
- Meteorology
- Irrigation scheduling
- Process control
- Slump control
- Environmental monitoring systems

## Features

- High accuracy
- software adjustment
- Waterproof
- Robust shelter
- Good interchangeability
- Rugged
- Rapid thermal environment
- Fast response time
- Ability to set the address for each module to provide the possibility to use several of these sensors in a network measurement
- Ability to communicate via RS232 and RS485 cable with a data logger or computer

Specification		
Accuracy	0.1 C / 0.1 %	
Operation temperature	-30 to +85 C	
Operating Humidity	0 to 100 %	
Cover type	Plastic shield with steel base and resistance on sunny and cold weather	
Output	Most in use	
power supply	7mA at 12VDC	
Order code		
<b>TH202</b>	Temperature & Humidity	<b>Sensor name</b>
<b>A</b>	0 ~ 2 V	<b>Output</b>
<b>B</b>	0 ~ 5 V	
<b>C</b>	0 ~ 20 mA	
<b>D</b>	4 ~ 20 mA	
<b>E</b>	Frequency	
<b>F</b>	Gray code	
<b>G</b>	RS485	
<b>02</b>	2m	<b>Cable length</b>
<b>05</b>	5m	
<b>xx</b>	By demand	
<b>Order sample: TH202-D-02</b>		

**Green:** RS485 (B)

**Yellow:** RS485 (A)

**White:** 12V

**Black:** GND

