

Mottech Atmospheric Temperature & Humidity Sensor



Mottech Atmospheric Temperature & Humidity Sensor is a professional measurement of air temperature and relative humidity.

Sensors are built-in the water-proof and anti-UV shelter. It is widely used in agriculture, forestry, meteorology as well as a climate chamber, warehousing and other places. This model also can be equipped with 11 plates radiation shield to protect the sensors from solar radiation and rain.

The Mottech Atmospheric Temperature & Humidity Sensor can be connected directly to any controller in Mottech's system via analog input or Mottech Smart Card.

Features and Benefits

High Sensitivity



Fast response time



Long service life



Low consumption



Good stability of output



High temperature & high humidity environment for long-term use



Applications



Environment monitoring



Livestock farm



Storage



Forestry



Greenhouse



Agriculture

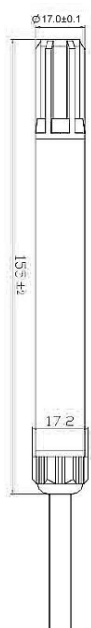


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Technical specification

	Humidity	Temperature
Range	-20-50°C	0-100%RH
Resolution	0.1°C	0.5%RH
Accuracy	±0.5°C	±3%RH
Supply	5VDC, 12-24VDC	
Output Signal	4-20mA, 0-5V, 0-10V, RS485	
Current Consumption	<20mA	
Operating Temperature	-40°C-+80°C	
Ingress Protection	IP65	
Storage	10-60°C@20%-90%RH	
Weight(unpacked)	120g	
Probe material	ABS	
Radiation Shield(optional)	11 plates	

Dimensions



Mounting

1. Install the product in stable environment area, avoid direct sunlight, away from windows air-conditioning, heating and other equipment. Otherwise it will cause measurement inaccuracies.
2. Fixing rail is optional.

