

Mottech Wall-mounted Atmospheric Temperature & Humidity Sensor



Mottech Wall-mounted Atmospheric Temperature & Humidity Sensor is a professional measurement of air temperature and relative humidity. Sensor element is digital temperature and humidity.

Sensor element is digital temperature and humidity IC. 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.

Features and Benefits

High Sensitivity



Fast response time



Automatic temperature compensation



Linear correction



Easy installation



LCD display optional



Applications



Environment monitoring



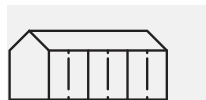
Livestock farm



Storage



Building automatic control



Greenhouse



Telecom room



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Technical specification

Item	Temperature	Humidity
Range	-30-+70°C	0-100%RH
Accuracy	±0.3°C@25°C	±3%RH(10%-90%)
Repeatability	±0.1°C	±0.5%RH
Long-term Stability	<0.04°C/year	<0.5%RH/year
Response Time	<1s	
Supply	5VDC, 12-24VDC	
Output Signal	4-20mA, 0-5V, 0-10V, RS485 MODBUS(RTU)	
Display(universal)	LCD is optional	
Current Consumption	<20mA	
Operating Temperature	-40°C-+70°C	
Ingress Protection	IP65	
Storage	10-60°C@20%-90%RH	
Weight(unpacked)	170g	
Dimension	117*86*41 mm	
Shelter material	ABS	
Code	M.SENS-52-A	

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.