

CSSC 330-01

Atmospheric Temperature, Humidity Sensor

Atmospheric Temperature, Humidity & Pressure Sensor is a professional measurement of air temperature, relative humidity & barometric pressure. 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(RK95-01) to protect the sensors from solar radiation and rain.

FEATURES

- High Sensitivity
- Fast response time
- Long service life
- Low consumption
- Good stability of output
- High temperature and high humidity environment for long-term use
- Can integrated temperature humidity air pressure at the same time



APPLICATIONS

- Environmental monitoring
- Livestock farm
- Storage
- Forestry
- Greenhouse
- Agriculture

TECHNICAL SPECIFICATION

Item	Technical Specification		
	Temperature	Humidity	Pressure
Range	-40-60℃	0-100%RH	10-110kPa(100-1100mbar)
Resolution	0.1℃	0.5%RH	0.1mbar
Accuracy	±0.5℃	±3%RH	±1mbar
Supply	5VDC, 12-24VDC		
Output Signal	4-20mA,0-10V,RS485(MODBUS),IIC,SDI-12①		
Current Consumption	<20mA		
Operating Temperature	-40℃-+80℃		
Ingress Protection	IP65		
Storage	10-60℃@20%-90%RH		
Weight(unpacked)	120g		
Probe material	ABS or aluminum alloy		
Radiation Shield(optional)	RK95-01,11 plates,M25*1.5		

①4-20mA,0-10V output only is proper for one or two measurement parameters.