

## RK330-01 Atmospheric Temperature, Humidity & Pressure Sensor

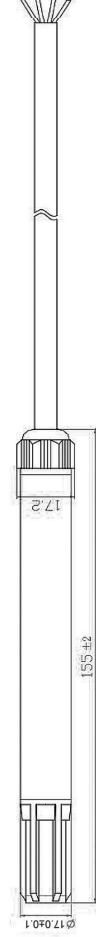
RK330-01 Atmospheric Temperature, Humidity & Pressure Sensor is a professional measurement of air temperature, relative humidity & barometric pressure. Sensors are built-in the water-proof and anti-UV shelter. It is widely used in agriculture, forestry, meteorology as well as a climate chamber, warehousing and other places. This model also can be equipped with 1' plates radiation shield(RK95-01) to protect the sensors from solar radiation and rain.

### FEATURES

High Serativity
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



ITEM	Temperature	Humidity	Pressure
Range	-40~60°C	0~100%RH	10~110kPa(100~1100hPa)
Resolution	0.1°C	0.5%RH	0.1hPa
Accuracy	±0.5°C	±3%RH	±1hPa
Supply		5VDC, 12~24VDC	
Output Signal		4~20mA, 0~5V, 0~10V, RS485(MODBUS), IIC①	
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)		RK95-01,1' plates	



## RK330-05 Atmospheric Temperature & Humidity Sensor

RK330-05 Atmospheric Temperature & Humidity Sensor is a professional measurement of air temperature & 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 RK95-02B to protect the sensors from solar radiation and rain.

### FEATURES

High Accuracy
High Sensitivity
Fast Response Time
Long Service Life
Low Consumption
Good Stability of Output
Wide Temperature Range
Wide Voltage Power Supply



ITEM	Specification	Humidity
Range	-40~+80°C optional	0~100%RH
Resolution	0.05°C	0.5%RH
Accuracy	±0.5°C	±3%RH, ±2%RH1
Supply		12~24VDC
Output Signal		4~20mA, 0~5V, 0~10V, RS485(MODBUS)
Power Consumption (US: power supply)		4~20mA: P≤US*0.02W C~5V/0~10V: P≤US*0.008W RS485: P≤US*0.015W
Operating Temperature		-40°C~+80°C
Ingress Protection		IP65
Storage		10~60°C@20%~90%RH
Radiation Shield(optional)		RK95-02B

