

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 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

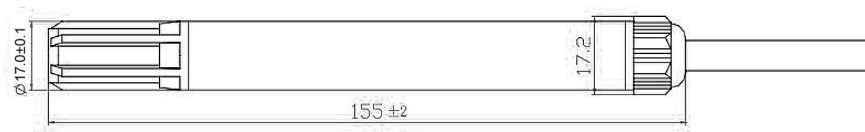
- Environmental monitoring
- Livestock farm
- Storage
- Forestry
- Greenhouse
- Agriculture

TECHNICAL SPECIFICATION

Item	Technical Specification		
	Temperature	Humidity	/
Range	-40~+80℃	0-100%RH	/
Resolution	0.1℃	0.5%RH	/
Accuracy	±0.5℃	±3%RH	/
Supply	12VDC		
Output Signal	SDI-12		
Current Consumption	≤5mA		
Operating Temperature	-40℃~+80℃		
Ingress Protection	IP65		
Storage	10-60℃@20%-90%RH		
Response time	≤20		
Probe material	ABS		
Radiation Shield(optional)	RK95-01, 11 plates, U-bolt for dia 25.4mm tube.		

①Analog output only is proper for one or two measurement parameters.

DIMENSION



Unit:mm

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.
3. If you use indoor, recommends clamp to install, as shown on the right picture.



Complies with applicable CE directives.

Specifications subject to change without notice. Version 3.0

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Hunan Rika Electronic Tech Co., Ltd

Add: Building B5, Taskin, Yuhua District,
Changsha City, Hunan Province,
China



+86-731-85132979



info@rikasensor.com



www.rikasensor.com