

RK330-04 HVAC Temperature & Humidity Sensor is a professional measurement of air temperature & relative humidity. Sensors are built-in the water-proof and dust-proof shelter. It is widely used in HVAC, storage and environment monitoring field.

FEATURES

- ☐ High Sensitivity
- ☐ Fast response time
- ☐ Wide working temperature range
- ☐ Strong anti-interference ability
- ☐ Easy installation



APPLICATIONS

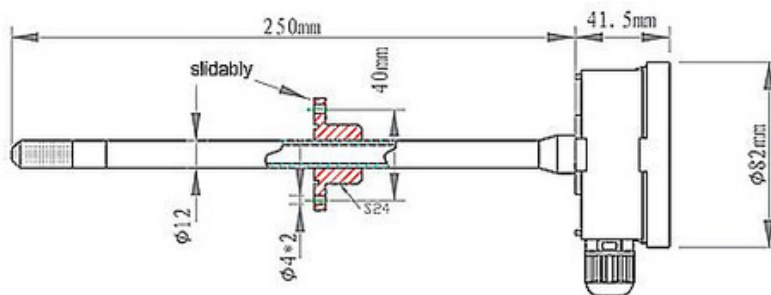
- ☐ HVAC
- ☐ Air conditioning system
- ☐ Pipe ventilation system
- ☐ Storage
- ☐ Environmental monitoring

TECHNICAL SPECIFICATION

Item	Technical Specification	
	Temperature	Humidity
Range	-40-125 °C(intermediaterangeisoptional). 1)	0-100%RH
Accuracy	±0.2°C	±2%RH,±3%RH,±5%RH
Supply	12-24VDC	
Output Signal	4-20mA,0-5V,0-10V,RS485MODBUS(RTU)	
Power Consumption	Current output:≤0.48W, Voltage output:≤0.2W, Digital output:≤0.36W	
Load Characteristic	Currentoutput:RL≤(US-7)/0.02Ω, Voltageoutput:RL≥100kΩ	
Operating Temperature	-40°C~+80°C	
Ingress Protection	IP65	
Storage	10-60°C@20%-90%RH	

1) Such as 0-50°C,0-100°C,-20-60°C,-20-80°C,-40-125°C...

DIMENSION



MOUNTING

- ☐ Using 2 hole flange(Ø4) installation;
- ☐ Installed in the region of the stable environment, avoid direct sunlight, away from the window and air conditioning, heating and other equipment;
- ☐ As far as possible away from high-power jamming devices (e.g., frequency converter, motor, etc.), so as not to cause no measurement.

PARAMETER SELECTION TABLE

Remark	Series	Type	Range	Accuracy	Output	Cable Length	
RK							
	330						
		04					
			A				0-50 °C /0-100%RH 0-
			B				100 °C /0-100%RH
			C				-20-60 °C /0-100%RH
			D				-20-80 °C /0-100%RH
			E				-40-125°C/0-100%RH
			X				Customize
				A			Temperature:±0.2°C Humidity:±5%RH
				B			Temperature:±0.2°C Humidity:±3%RH
				C			Temperature:±0.2°C Humidity:±2%RH
					A		4-20mA
					B		0-5V
					C		0-10V
					D		RS485

Example: RK330-04AAA1500 0-50°C/0-100%RH Accuracy: Temperature:±0.2°C ,Humidity:±5%RH Output:4-20mA



Complies with applicable CE directives.

Specifications subject to change without notice. Version 3.0

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