

RS-485 Digital Sensor Module High Precision Industrial Modbus RTU Protocol Monitoring



PRODUCT PARAMATER

Feature

1. Using high-precision temperature and humidity measurement unit, long-term stability is good, and drift is small
2. 10~30V wide voltage range power supply
3. Easy to install, can be wall-mounted or rail-mounted
4. High anti-dust protection level (IP65)
5. Optional LCD liquid crystal display, beautiful and generous
6. Offer free data platform for remote monitoring, you can view data through PC or APP.

PRODUCT PARAMATER

Specification

Power supply	DC 10~30V	
Temperature range	-40 ^{°C} ~+80 ^{°C} (-40 ^{°C} ~+120 ^{°C} optional)	
Humidity range	0%RH-100%RH	
Precision	Built-in probe	±0.5 ^{°C} (25 ^{°C}), ±3%RH (60%RH, 25 ^{°C})
	External probe	±0.4 ^{°C} (25 ^{°C}), ±2%RH (60%RH, 25 ^{°C})
Resolution	0.1 ^{°C} , 0.1%RH	
Circuit working environment	20 ^{°C} ~+60 ^{°C} , 0%RH~95%RH (non-condensing)	
Long term stability	Temperature	≤0.1 ^{°C} /y
	Humidity	≤1%RH/y
Response time	Temperature	≤25s (1m/s wind speed)
	Humidity	≤8s (1m/s wind speed)
Hole size	70mm	
Output signal	RS485, 4-20mA, 0-5V, 0-10V	

Five parameters can be set by pressing the keys

- Communication Address
- Device Password
- Baud Rate
- Temp Calibration Value
- Humidity Calibration Value

