

GS062

Temperature and humidity sensor

Version: v1.1

Release Date: October 2021



Specification



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Professional Ultra HD Video Display
Control system integrated solution and service provider

Version record

version number	Change details	release time
V1.0	first release	2018.12.20
V1.1	change cover	2021.10.25

1 Product description

1.1 Product Applications

GS062 is a high-precision temperature and humidity sensor with beautiful and compact appearance, standard guide rail structure design, simple wiring and easy installation. It uses imported high-precision probes to ensure the excellent measurement performance of the product; super stability and anti-interference ability, strong product protection performance, first-level lightning protection. RS485 interface, multiple modules can be connected to the bus network together, and the environment of multiple sites can be monitored in real time.

1.2 Features

- RRS485 interface, the communication distance can reach 1200 meters;
- Imported probe with high precision, wide range and good consistency;
- Standard guide rail structure design, easy to install;
- Super stability and anti-interference ability;
- Voltage input, DC5V~DC12V;
- Standard MODBUS RTU protocol;
- The product has strong protection performance and first-level lightning protection.

2 Appearance

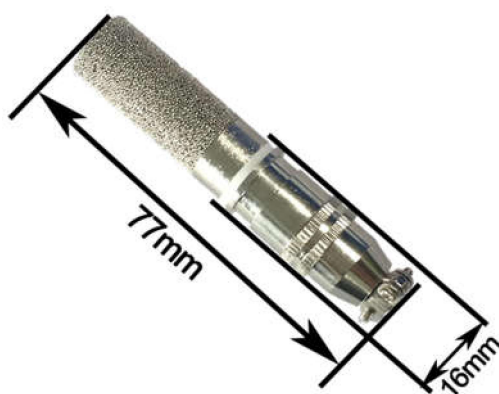


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3 Technical parameter

Project	parameter value
Rated voltage	DC5V~DC12V
Measuring range	Temperature: -40°C~120°C Humidity: 0~100%rh
measurement accuracy	Temperature: $\pm 0.3^{\circ}\text{C}$ Resolution 0.1°C Humidity: $\pm 3\%rh$ Resolution 0.1rh
Output Interface	RS485
Protocol	MODBUS RTU
Communicate address	1-247
baud rate	1200 bit/s, 2400 bit/s, 4800 bit/s, 9600 bit/s, 19200 bit/s
Average power consumption	<0.1W
Cable length	5 meters (standard)
Install method	Rail Mount, Indoor Wall Mount, Ceiling Mount

4 Dimensions



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