



SSR-TEMP

Temp and Humid Sensor

Specification V1.2

Overview

SSR-TEMP is a high-precision temperature and humidity sensor with good-looking and small appearance, it is designed with standard guide rail structure and it has easy wire connection and simple installation. SSR-TEMP adopts imported high-precision probe and ensures excellent measurement performance; it has high stability and anti-interference ability, it also has strong barrier property with first-class lightning protection. Multiple modules can be connected to the bus network via RS485 interface to monitor multiple environmental conditions in real time.

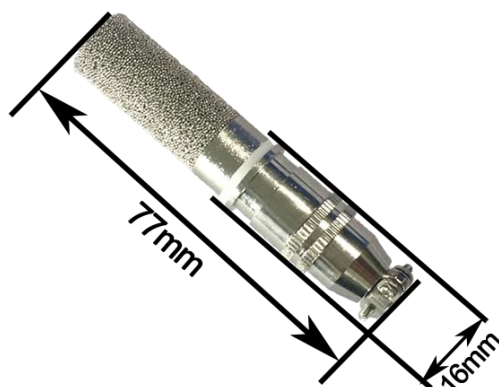
Features

- RS485 interface, communication distance up to 1200 meter;
- Imported probe, high precision, wide range, good consistency;
- Designed with standard guide rail structure, easy installation;
- High stability and anti-interference ability;
- Input voltage: DC5~12V;
- MODBUS RTU standard communication protocol;
- Strong barrier property, first-class lightning protection.

Specification

Rated voltage	DC5V~DC12V
Measuring range	Temperature: -40°C~120°C Humidity: 0~100%RH
Measuring accuracy	Temperature: $\pm 0.3^{\circ}\text{C}$ Resolution: 0.1°C Humidity: $\pm 3\%\text{rh}$ Resolution: 0.1rh
Output interface	RS485
Communication protocol	MODBUS RTU
Communication 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
Wire length	5 meters (standard)
Installation	Guide rail mounting, walls mounting indoors, ceilings mounting

Dimensions



Statement

Thank you for purchasing the product of Colorlight Cloud Tech Ltd. If you encounter any problems during use or have any suggestions, please contact us through official channels. We will do our best to provide support and listen to your valuable suggestions. We will constantly make improvements on technical specifications but without notice. You can visit www.colorlightinside.com to get more updated information.