SSR-TEMP

Temperature and Humidity Sensor

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℃~120℃ Humidity: 0 ~ 100%rh
Measuring accuracy	Temperature: ±0.3℃ Resolution: 0.1℃ Humidity: ±3%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 meter (standard)
Installation	Guide rail mounting, walls mounting indoors, ceilings mounting

Dimension