

SM0110V

Voltage type high precision temperature and humidity sensor

User Manual

File Version: V21.3.9

SM0110V using the standard DC0 ~ 5V voltage output signal, easy access to PLC, DCS and other instruments or systems for monitoring temperature, humidity state quantities. The internal use of high-precision sensing core and related devices to ensure high reliability and excellent long-term stability, can be customized RS232, RS485, CAN, 4-20mA, DC0~5V, 10V, ZIGBEE, Lora, WIFI, GPRS and other output methods.

Technical Parameters

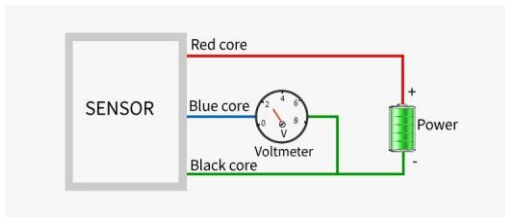
Technical parameter	Parameter value
Brand	SONBEST
Temperature measuring range	-30°C~80°C
Temperature measuring accuracy	±0.5°C @25°C
Support sensor	SHT20
Channels	2
Input bus	IIC
Humidity measuring range	0~100%RH
Humidity accuracy	±3%RH @25°C
Output Interface	DC0~5V
Power	DC5V 1A
Running temperature	-40~80°C

Wiring instructions

Any incorrect wiring can cause irreversible damage to the product. Please carefully wire the cable as follows in the case of power failure, and then connect the cable to confirm the correctness and then use it again.

ID	Core color	Identification	Note
1	Red	V+	Power V+
2	Green	V-	Power V-
3	Yellow	H+	Humidity output
4	Blue	T+	Temperature output

In the case of broken wires, wire the wires as shown in the figure. If the product itself has no leads, the core color is for reference.



Disclaimer

This document provides all information about the product, does not grant any license to intellectual property, does not express or imply, and prohibits any other means of granting any intellectual property rights, such as the statement of sales terms and conditions of this product, other issues. No liability is assumed. Furthermore, our company makes no warranties, express or implied, regarding the sale and use of this product, including the suitability for the specific use of the product, the marketability or the infringement liability for any patent, copyright or other intellectual property rights, etc. Product specifications and product descriptions may be modified at any time without notice.

Contact Us

Company: Shanghai Sonbest Industrial Co., Ltd

Address: Building 8, No.215 North east road, Baoshan District, Shanghai, China

Web: <http://www.sonbest.com>

Web: <http://www.sonbus.com>

SKYPE: soobuu

Email: sale@sonbest.com

Tel: 86-021-51083595 / 66862055 / 66862075 / 66861077