



sonbus SM1911 Protective temperature and humidity sensor User Manual

[Home](#) » [SONBUS](#) » sonbus SM1911 Protective temperature and humidity sensor User Manual 

Contents

- [1 sonbus SM1911 Protective temperature and humidity sensor](#)
- [2 Technical Parameters](#)
- [3 Product Size](#)
- [4 How to wiring?](#)
- [5 Application solution](#)
- [6 How to use?](#)
- [7 Disclaimer](#)
- [8 Contact Us](#)
- [9 Documents / Resources](#)
 - [9.1 References](#)
- [10 Related Posts](#)



sonbus SM1911 Protective temperature and humidity sensor



SM1911 using the standard ,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℃~80℃
Temperature measuring accuracy	±0.5℃ @25℃
Power	DC6~24V 1A
Power	DC12~24V 1A
Running temperature	-40~80℃
Working humidity	5%RH~90%RH

Product Selection

Product DesignRS485,4-20mA,VOUT2_11Multiple output methods, the products are divided into the following models depending on the output method.

Product model	output method
SM1911B	RS485
SM1911M	4-20mA

Product Size



How to wiring?

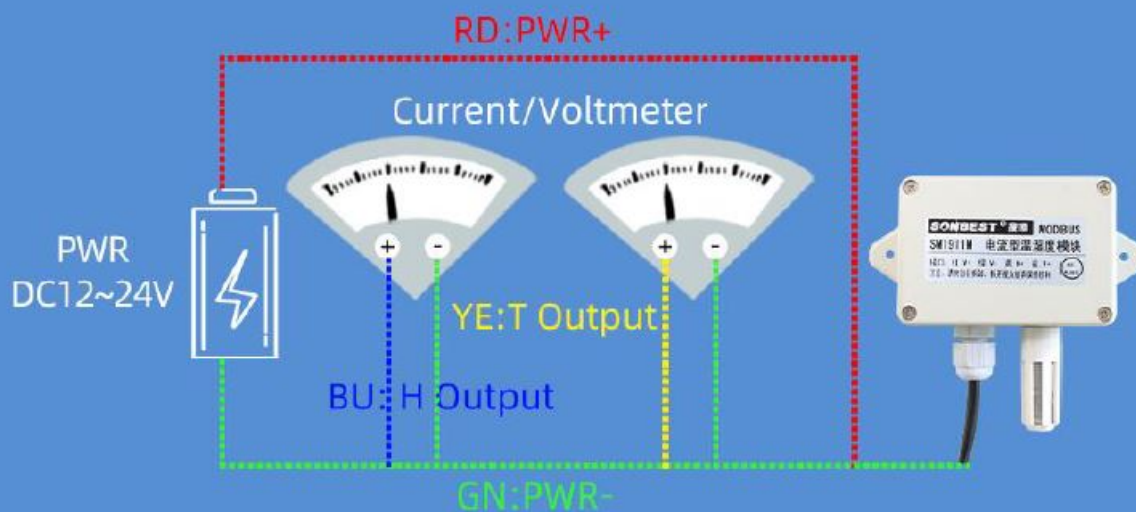
RS485 Wiring			mA/V Wiring		
	RD	PWR+		RD	PWR+
	GN	PWR-		GN	PWR-
	YE	RS485 A+		YE	T Signal
	BU	RS485 B-		BU	H Signal
※Note: When wiring, connect the positive and negative poles of the power supply first, and then connect the signal lines for					

Application solution

■ RS485 Wiring



■ 4~20mA/0~5V Wiring



How to use?




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

Documents / Resources

	sonbus SM1911 Protective temperature and humidity sensor [pdf] User Manual SM1911 Protective temperature and humidity sensor, Protective temperature and humidity sensor, humidity sensor
---	--

References

- [Home-Šæµ·æœåšâ@žă_šæœ%œ™ă...-ă_](#)
- [Home-SONBEST -SONBUS.COM| THE SENSOR COMPANY](#)
- [Home-SONBEST -SONBUS.COM| THE SENSOR COMPANY](#)