

SM1911

Protective temperature and humidity sensor

User Manual

File Version: V22.1.13



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

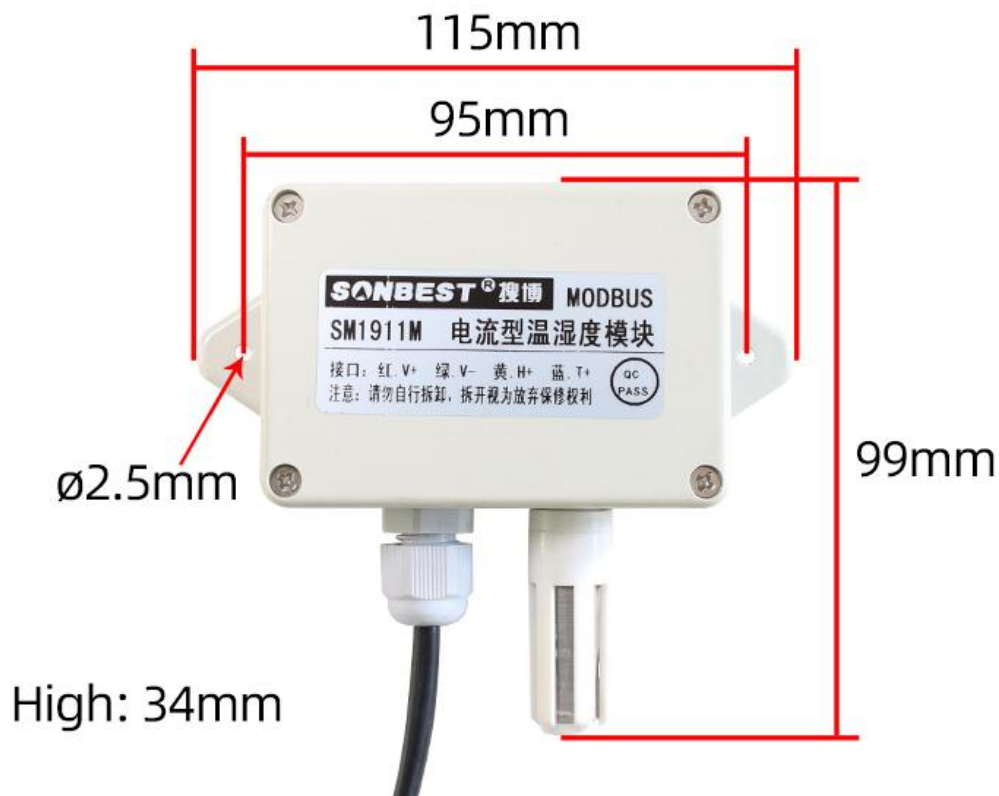
Technical parameter	Parameter value
Brand	SONBEST
Temperature measuring range	-30℃~80℃
Temperature measuring accuracy	±0.5℃ @25℃
Power	DC6~24V 1A
Power	DC12~24V 1A
Running temperature	-40~80℃
Working humidity	5%RH~90%RH

Product Selection

Product Design RS485, 4-20mA, VOUT2_11 Multiple output methods, the products are divided into the following models depending on the output method.

Product model	output method
SM1911B	RS485 总线
SM1911M	4-20mA





Product Size



How to wiring?

RS485 Wiring

mA/V Wiring

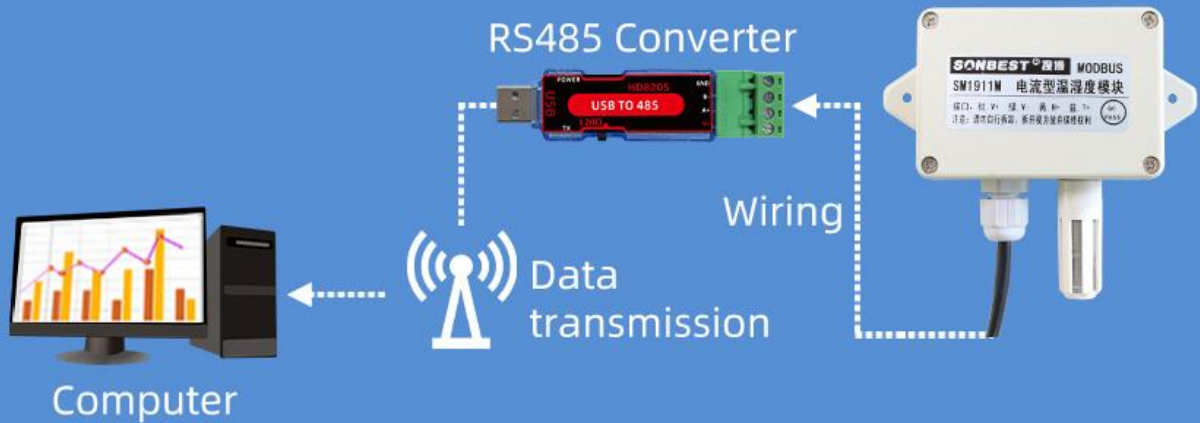
	RD	PWR+
	GN	PWR-
	YE	RS485 A+
	BU	RS485 B-

	RD	PWR+
	GN	PWR-
	YE	T Signal
	BU	H Signal

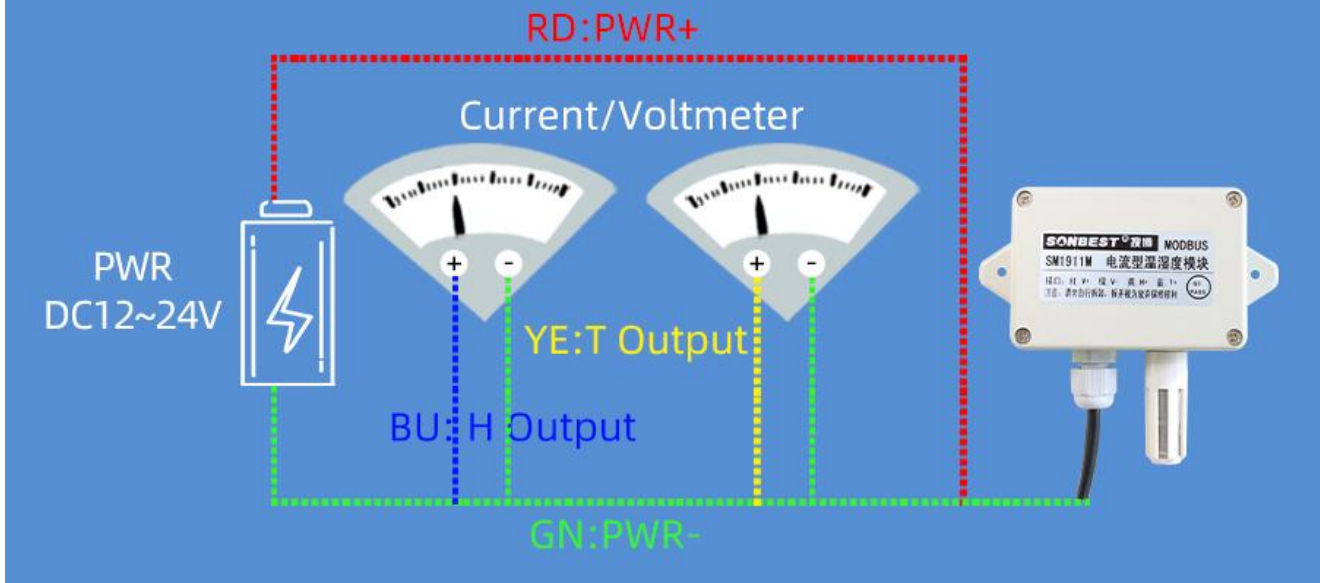
※Note: When wiring, connect the positive and negative poles of the power supply first, and then connect the signal lines for

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