



SONBEST SM1900M 4-20mA Current Type Protection Type Temperature Sensor User Manual

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SM1900M
4-20mA current type protection type temperature sensor
User Manual
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SM1900M using the standard DC4-20mA current output signal, easy access to PLC DCS, and other instruments or systems for monitoring temperature 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.

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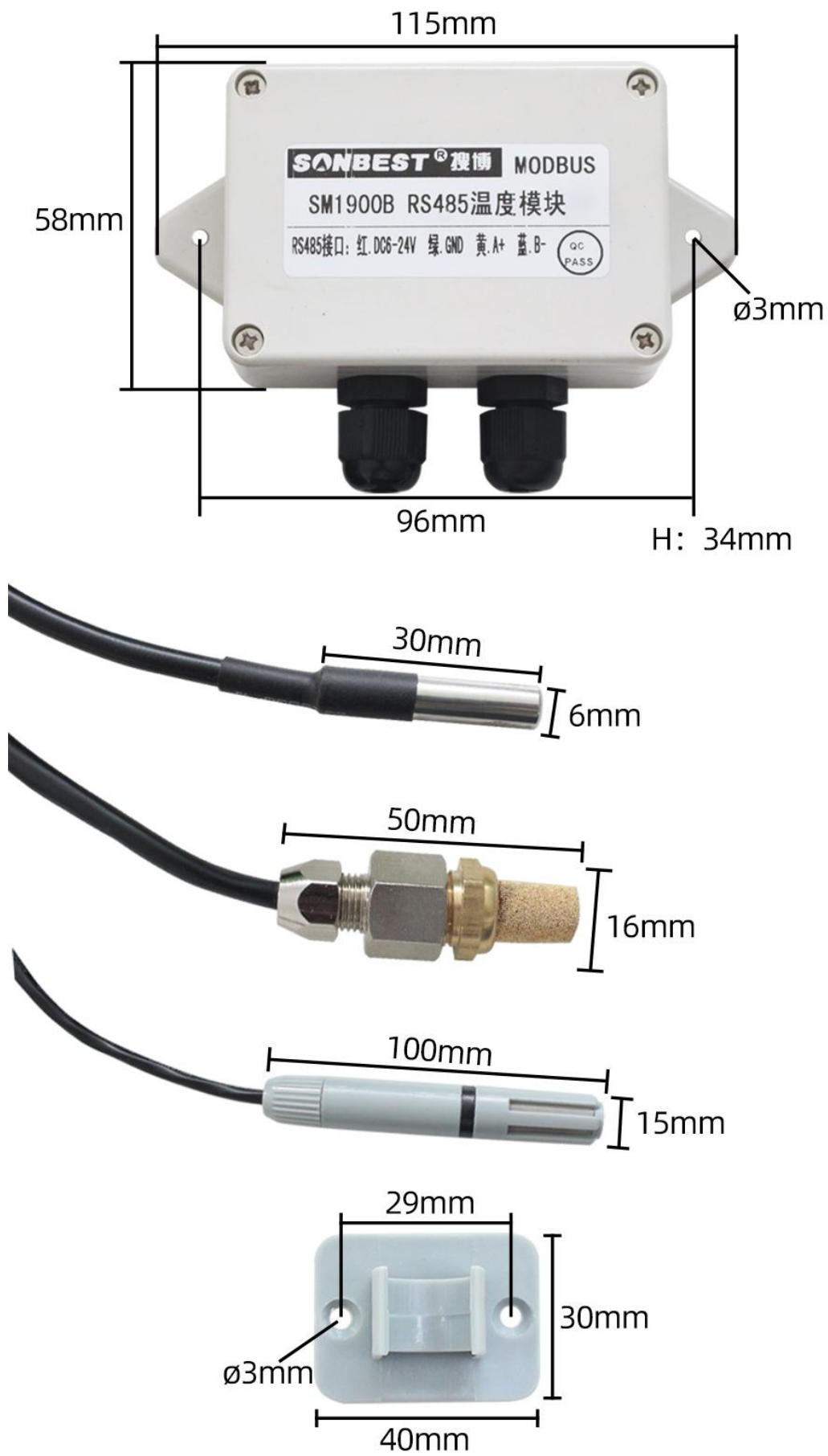
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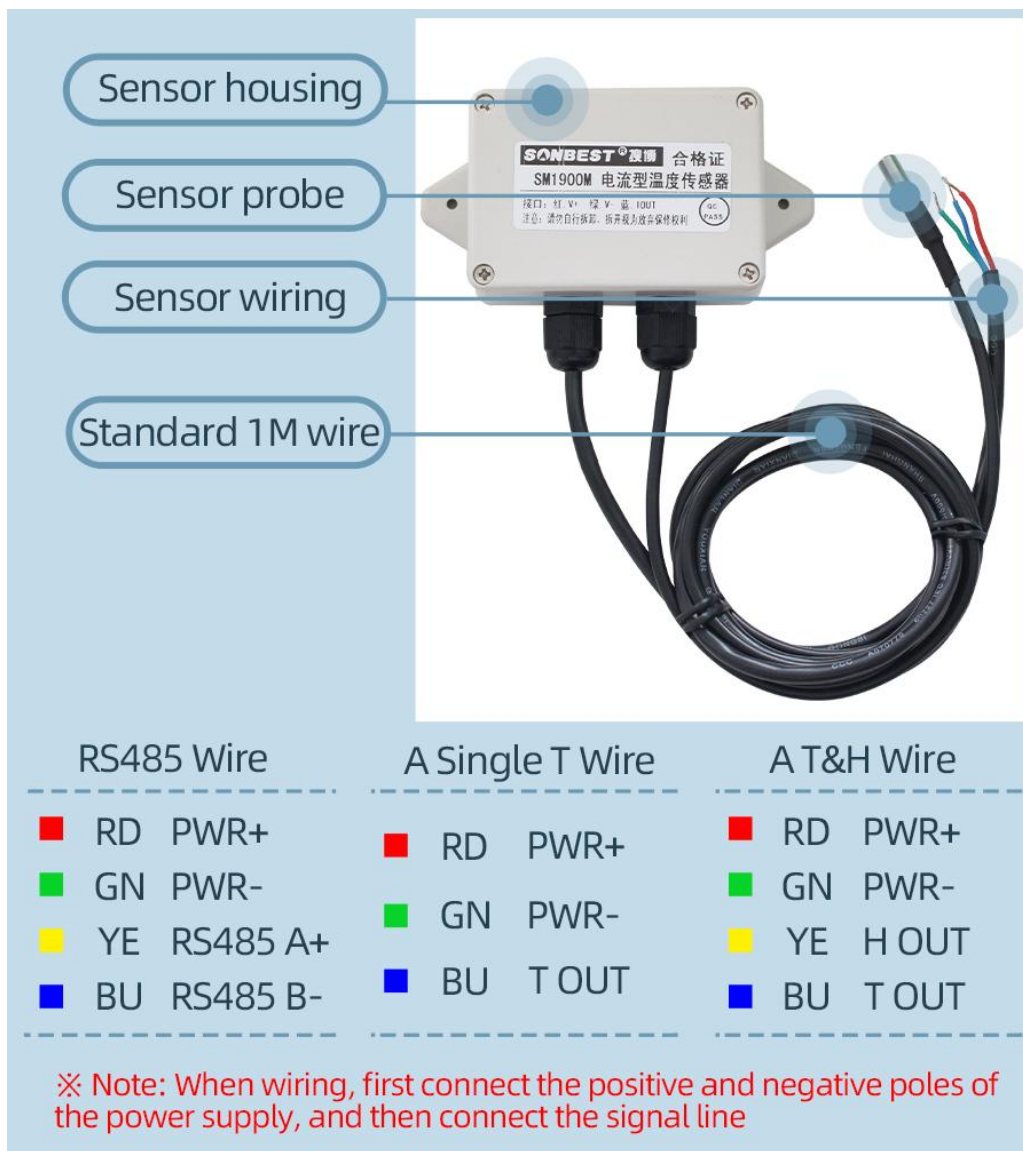
Technical Parameters

Technical parameter	Parameter value
Brand	SONBEST
Temperature measuring range	-50°C~120°C
Temperature measuring accuracy	±0.5°C @25°C
Communication Interface	DC4~20mA
Power	DC12~24V 1A
Running temperature	-40~80°C
Working humidity	5%RH~90%RH

Product Size



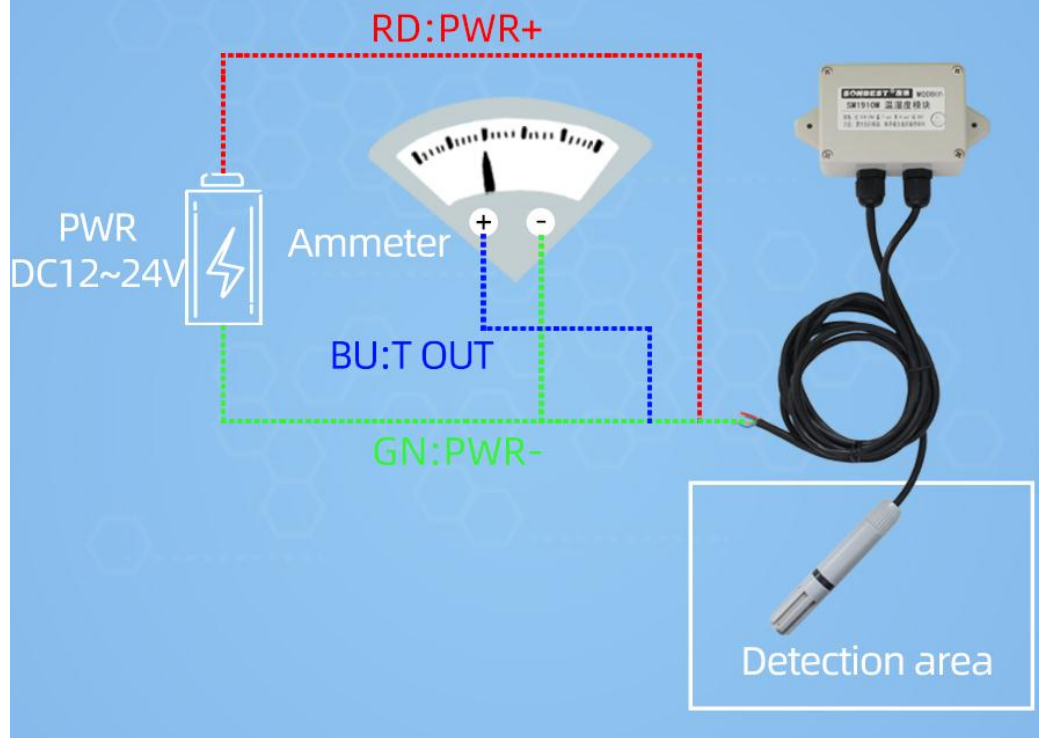
wiring?



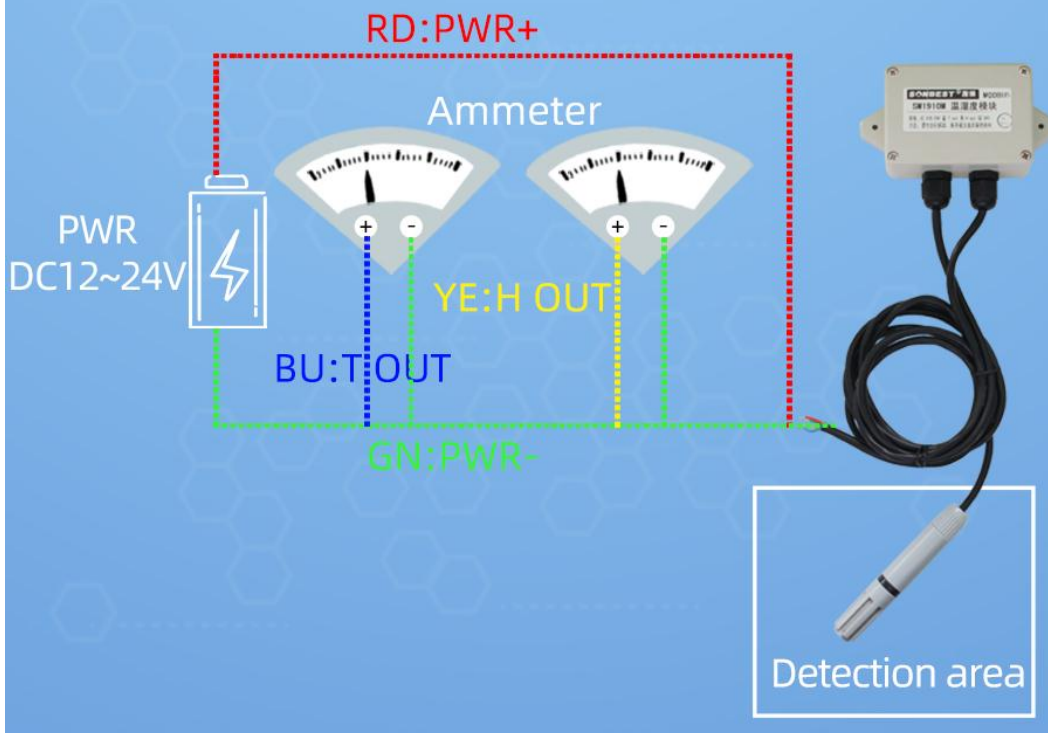
Application solution



■ 4~20mA T Wiring



■ 4~20mA T&H Wiring



How to use?



Food storage

Temperature and humidity are very important for food storage. Changes in temperature and humidity will cause food spoilage and cause food safety problems. Temperature and humidity monitoring is conducive to the timely control of relevant personnel

Drug storage

According to relevant national requirements, drug storage must be controlled in accordance with the corresponding temperature and humidity. According to the latest GMP certification, the temperature storage range for general drugs is 0-30 °C



Tobacco industry

Tobacco raw materials need to control the temperature and humidity in the fermentation process. Temperature and humidity sensors can be used to monitor the temperature and humidity when the site environment is convenient. In a complex environment, the temperature and humidity sensors such as RS485 can be used to detect and control the smoke. The temperature and humidity of the package can avoid insect pests. If not handled properly, it will cause a large amount of loss of raw materials.

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Documents / Resources

	<p>SONBEST SM1900M 4-20mA Current Type Protection Type Temperature Sensor [pdf] User Manual</p> <p>SM1900M, 4-20mA Current Type Protection Type Temperature Sensor</p>
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References

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- [Home-SONBEST -SONBUS.COM| THE SENSOR COMPANY](#)
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