

## SM7300V

### RS485 bus type bracket type temperature sensing

#### User Manual

File Version: V23.4.6

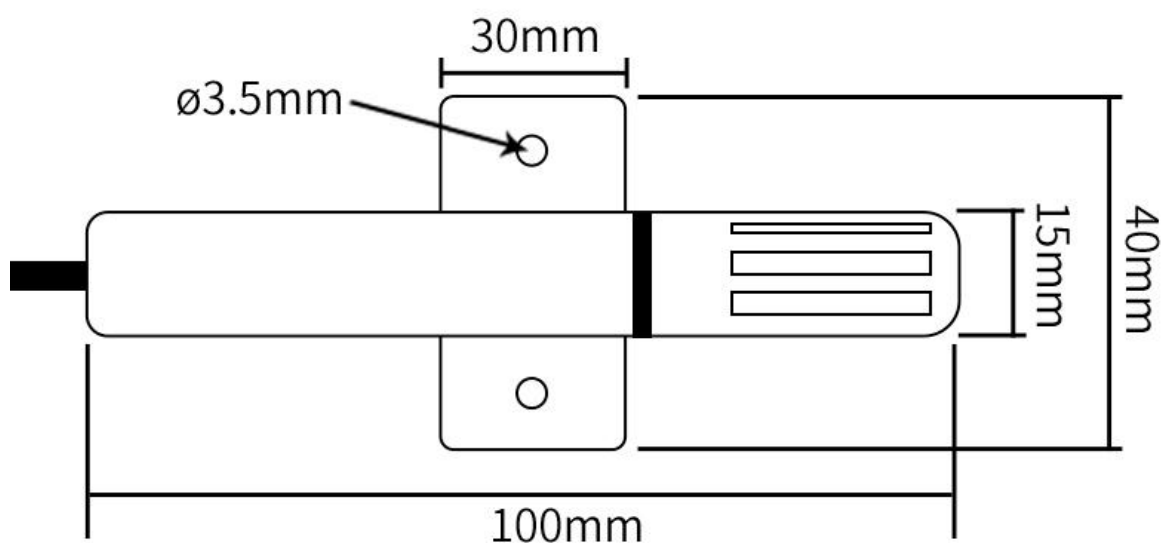


SM7300V using the standard DC0 ~ 5V voltage output signal,easy access to PLC , DCS and other instruments or systems for monitoring temperature state quantities.The internal use of high -precision sensing core and related devices to ensure high reliability and excellent long-term stability,can be customized RS232,RS485,CAN,4-20mA,DC0~5V\10V,ZIGBEE,Lora,WIFI,GPRS and other output methods.

### Technical Parameters

Technical parameter	Parameter value
Brand	SONBEST
Temperature measuring range	-30℃~80℃
Temperature measuring accuracy	±0.5℃ @25℃
Output Interface	DC0~5V
Power	DC12~24V 1A
Running temperature	-30~85℃
Working humidity	5%RH~90%RH

### Product Size

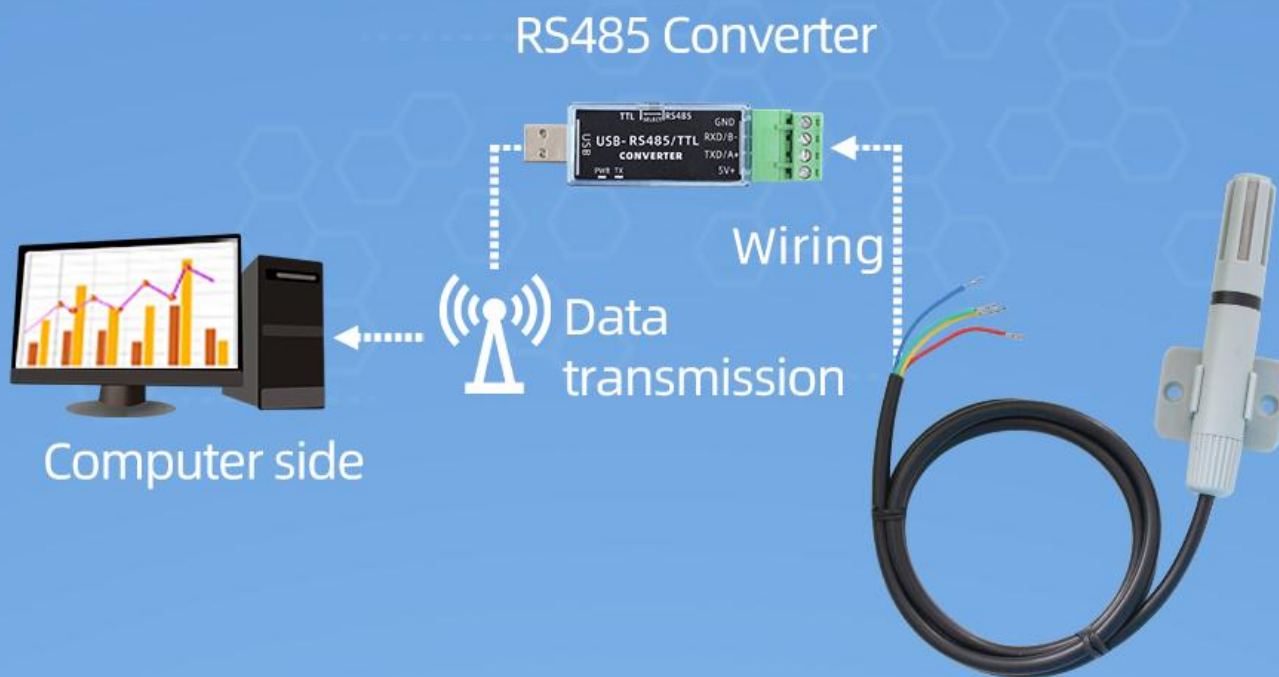


### Wiring instructions

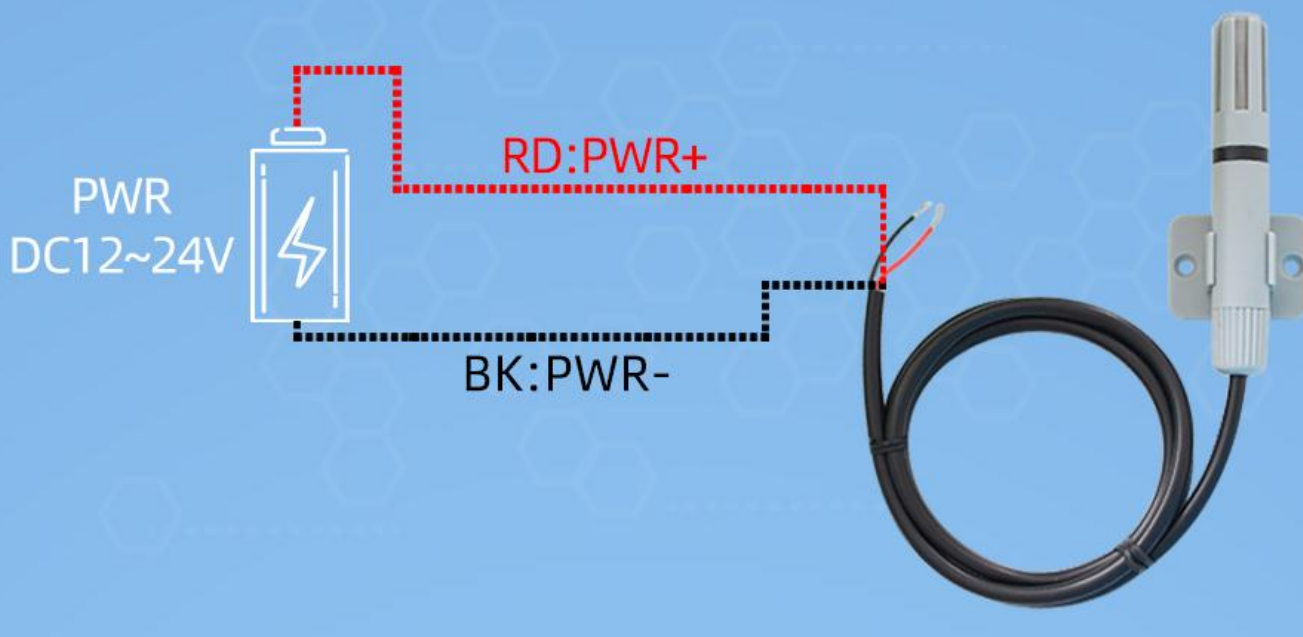
In the case of broken wires, wire the wires as shown in the figure. If the product itself has no leads, the core color is for reference.

### Application solution

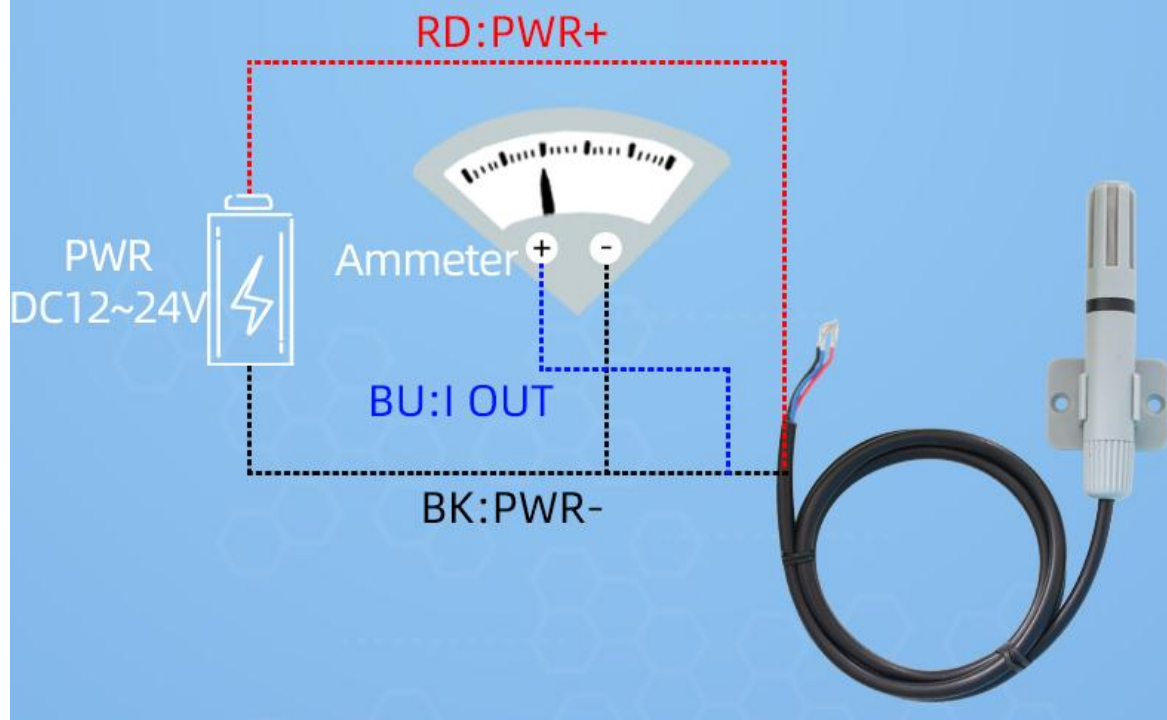
## ■ RS485 Wiring



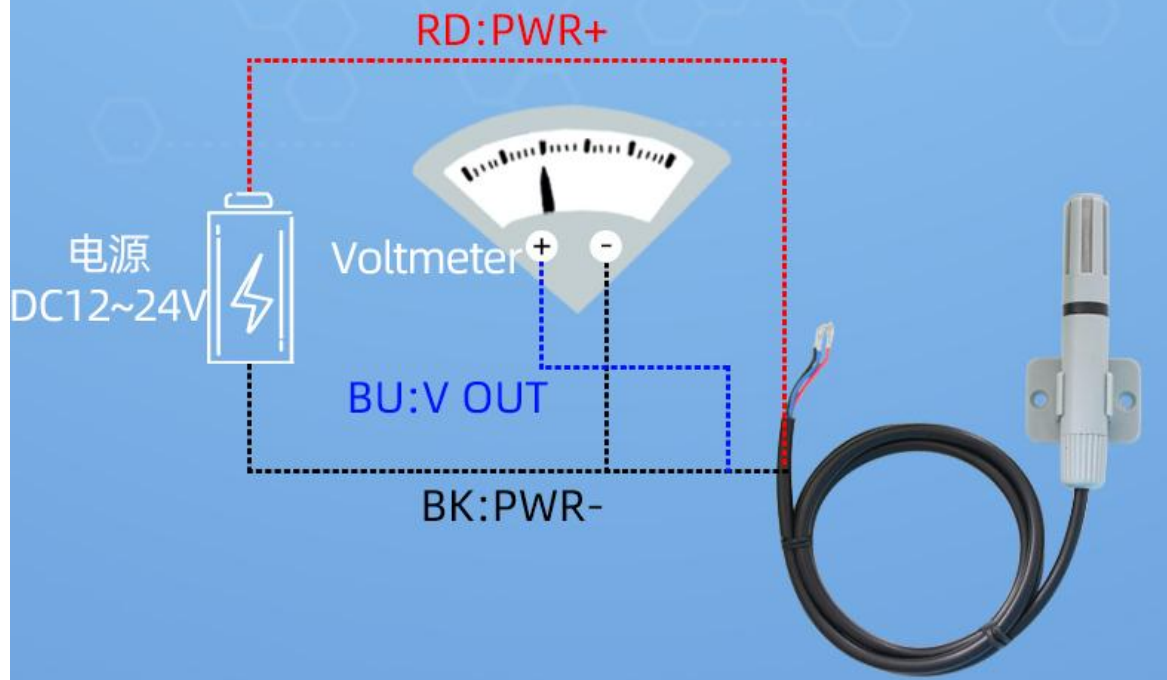
## ■ Current two-wire wiring



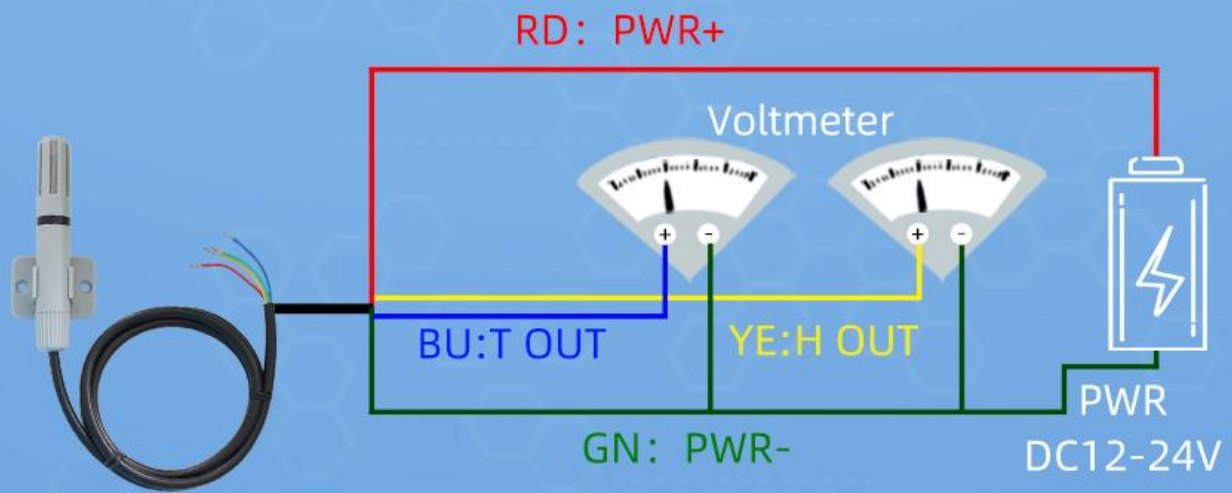
### ■ Current three-wire wiring



### ■ Voltage wiring



## ■ Voltage T&H wiring



How to use?



## Food storage

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



## Greenhouse

Cooperate with sensors to effectively manage, create a good lighting environment for crops, and promote better photosynthesis



## Tobacco industry

Tobacco raw materials need to be controlled in temperature and humidity during fermentation. 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 tobacco. 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.

### Disclaimer

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