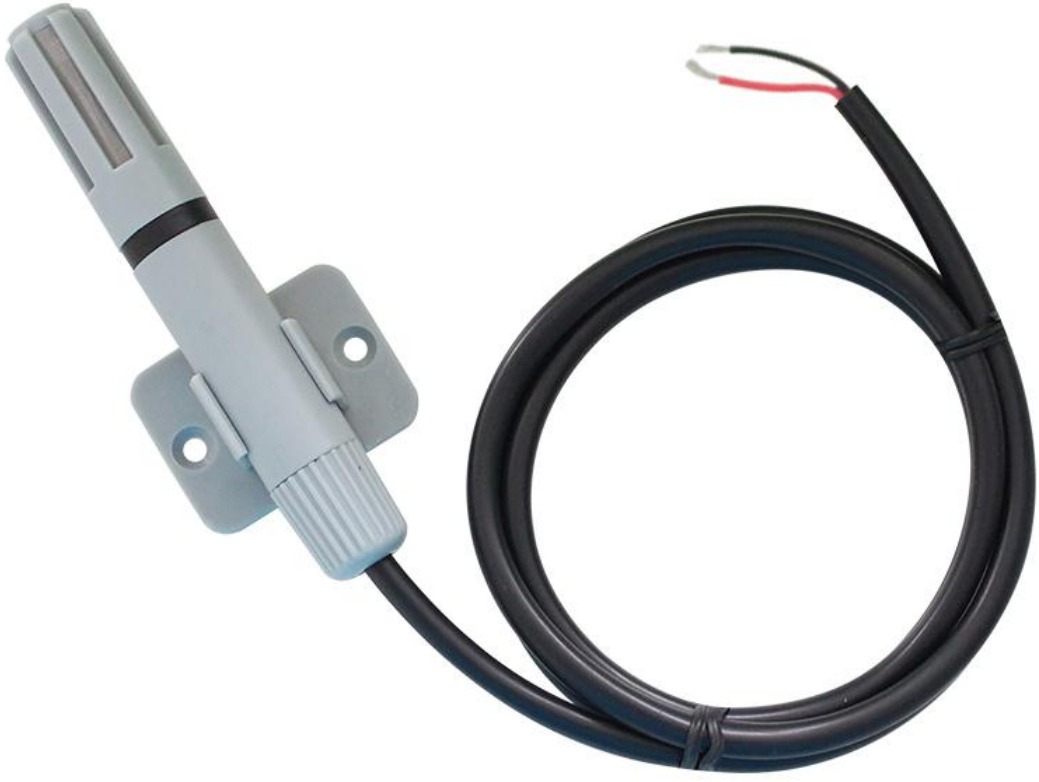
SM7300M

User Manual

File Version: V21.12.18



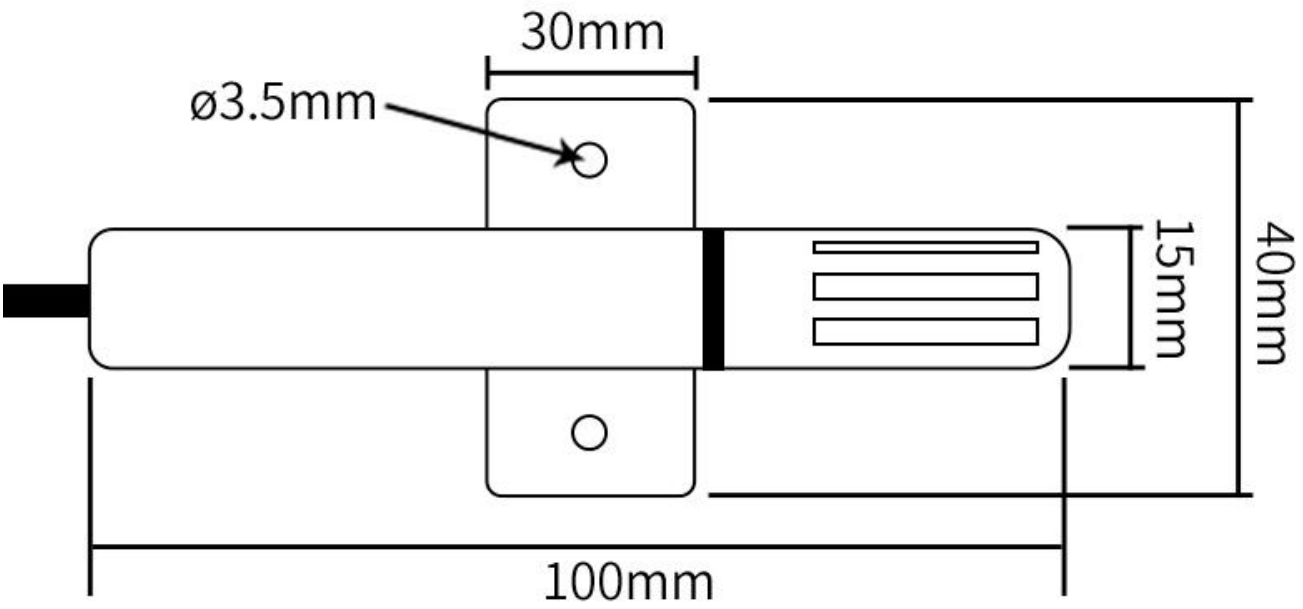
SM7300M using the standard ,easy access to PLC， DCS and other instruments or systems for monitoring humidity state quantities.The internal use of high-precision sensing core and related devices to ensure high reliability and excellent long-term stability,can be customized

RS232,RS485,CAN,4-20mA,DC0~5V\10V,ZIGBEE,Lora,WIFI,GPRS and other output methods.

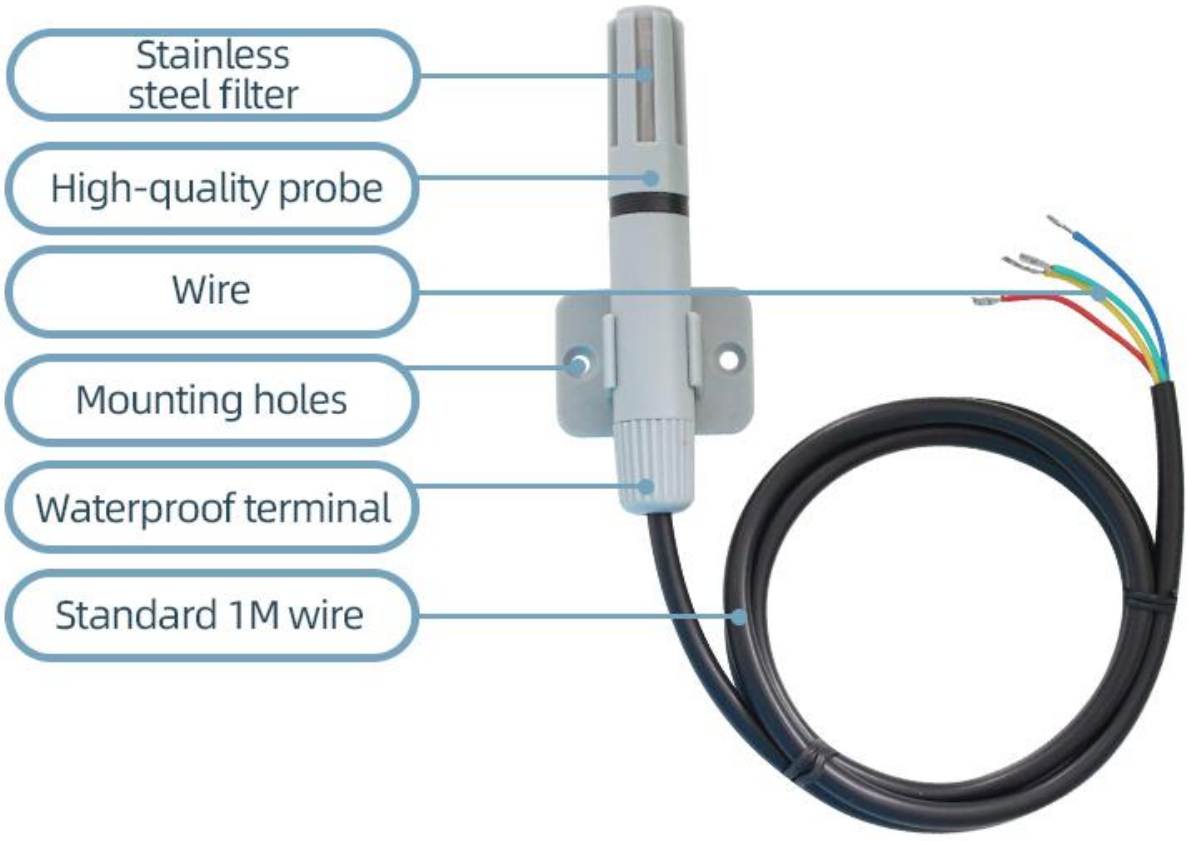
Technical Parameters

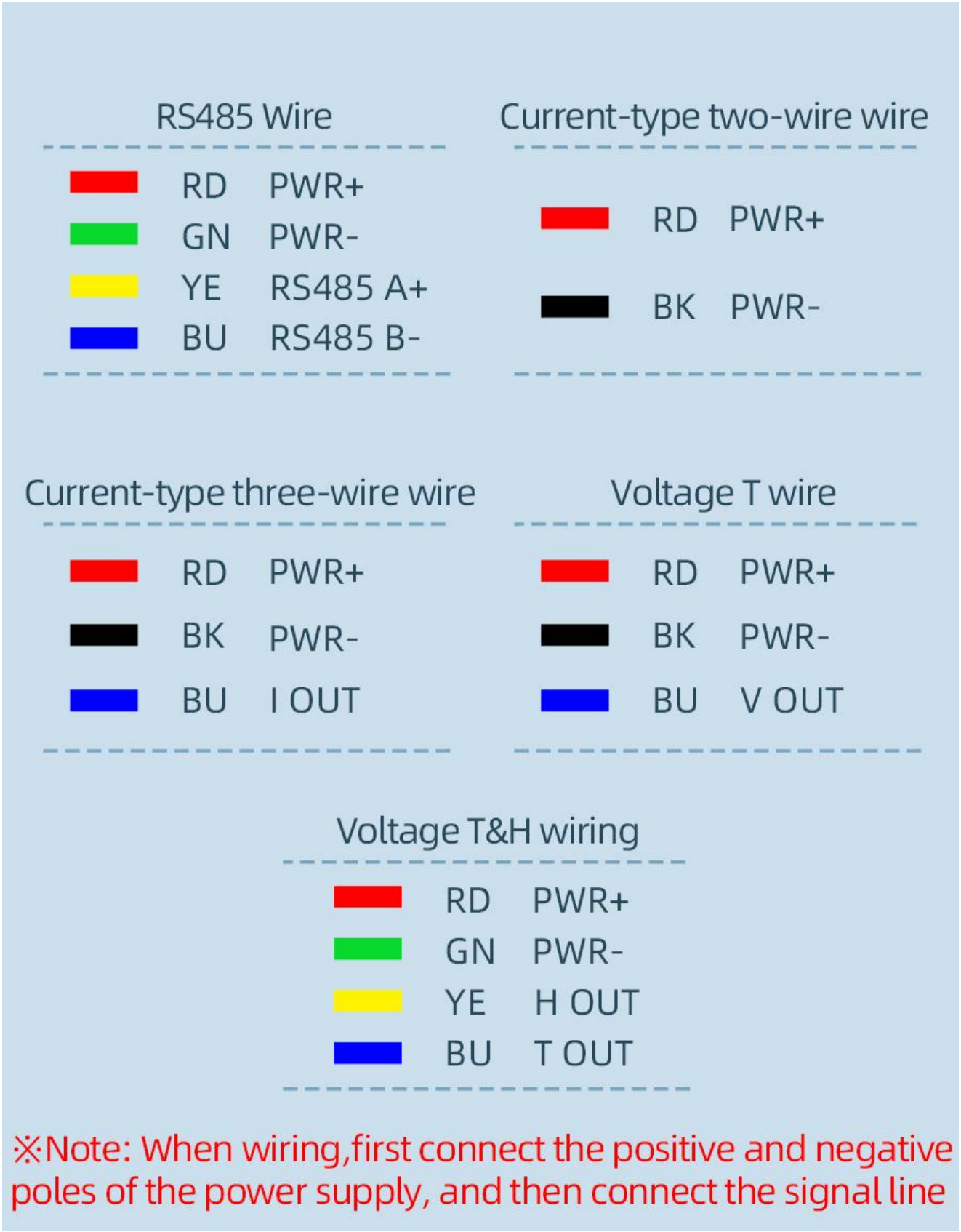
Technical parameter	Parameter value
Brand	SONBEST
Humidity measuring range	0~100%RH
Humidity accuracy	±3%RH @25℃
Communication Interface	Two-wire DC4~20mA
Power	DC12~24V 1A
Running temperature	-40~80°C
Working humidity	5%RH~90%RH

Product Size

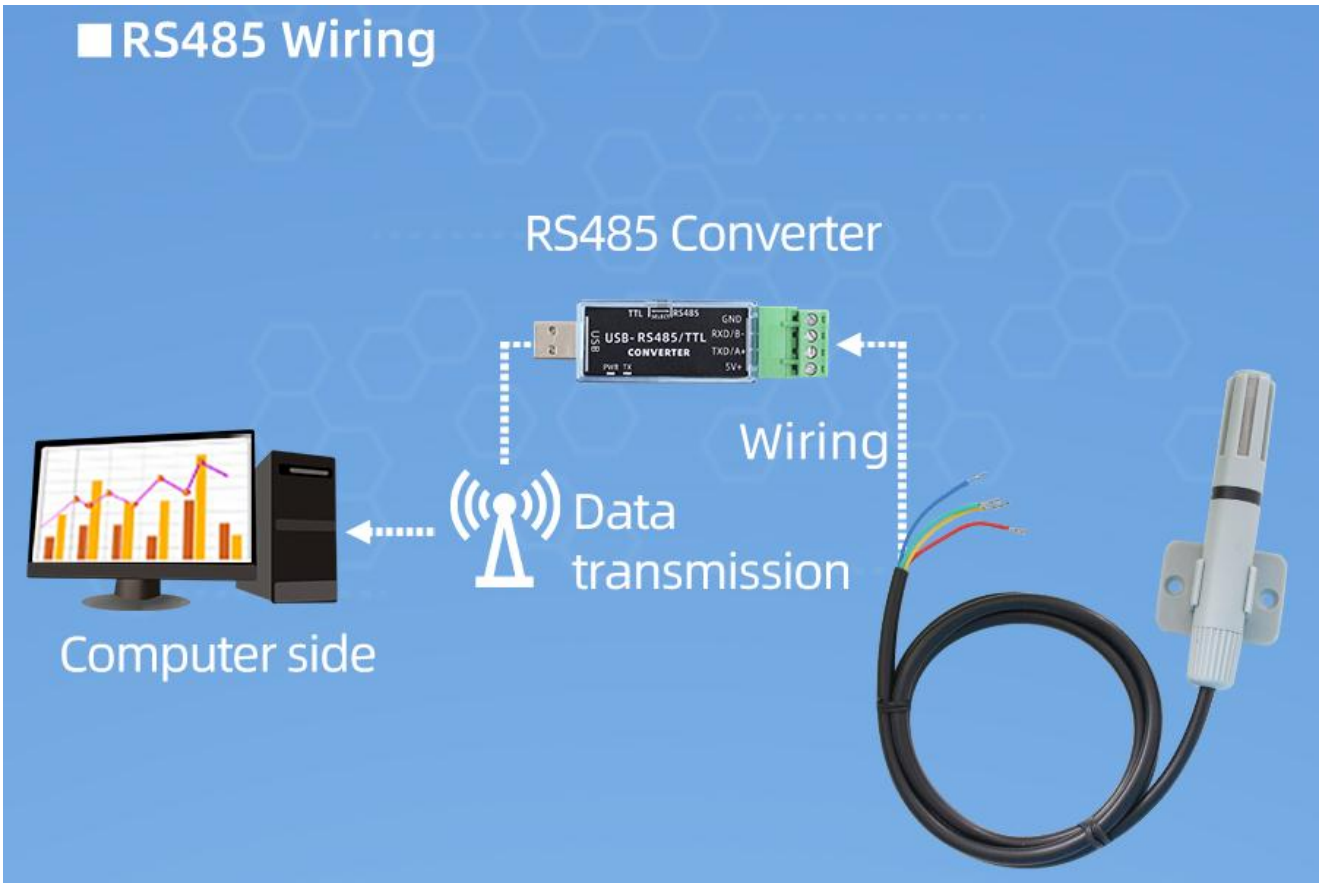


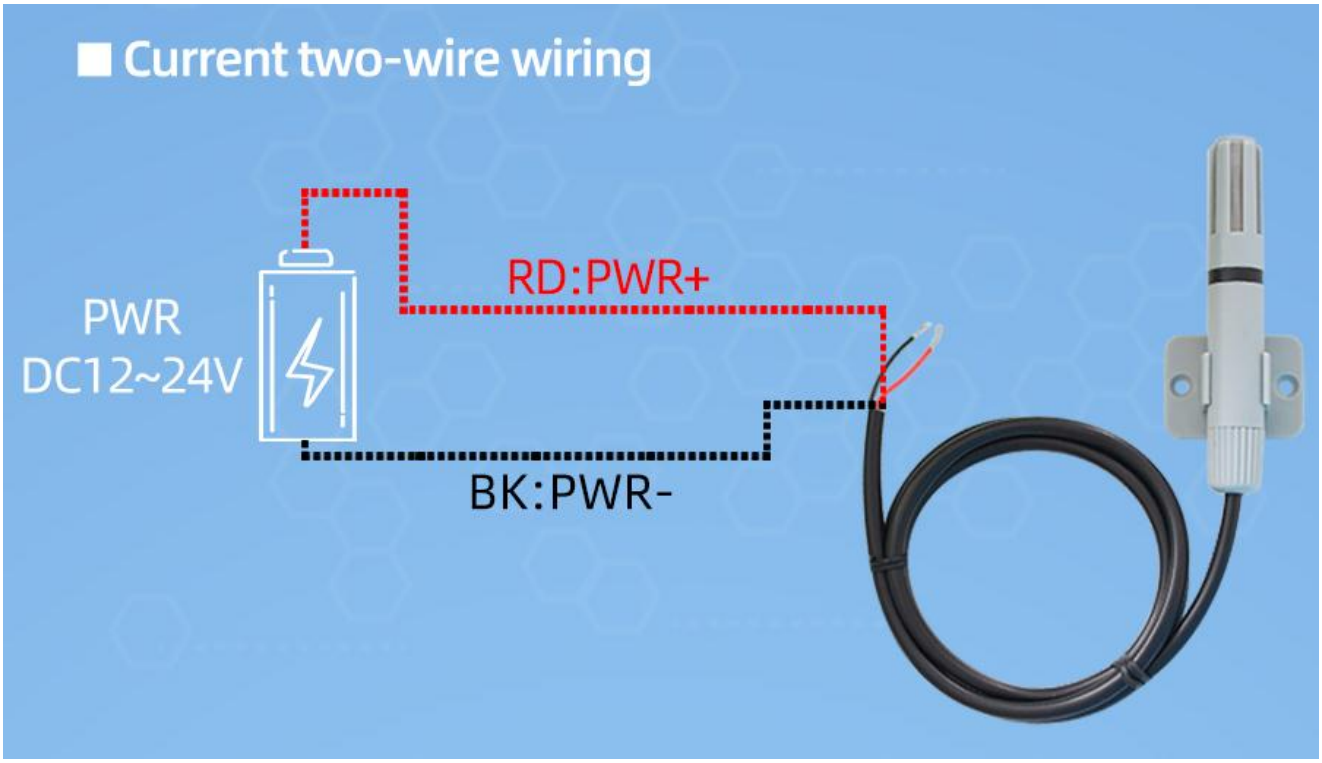
How to wiring?

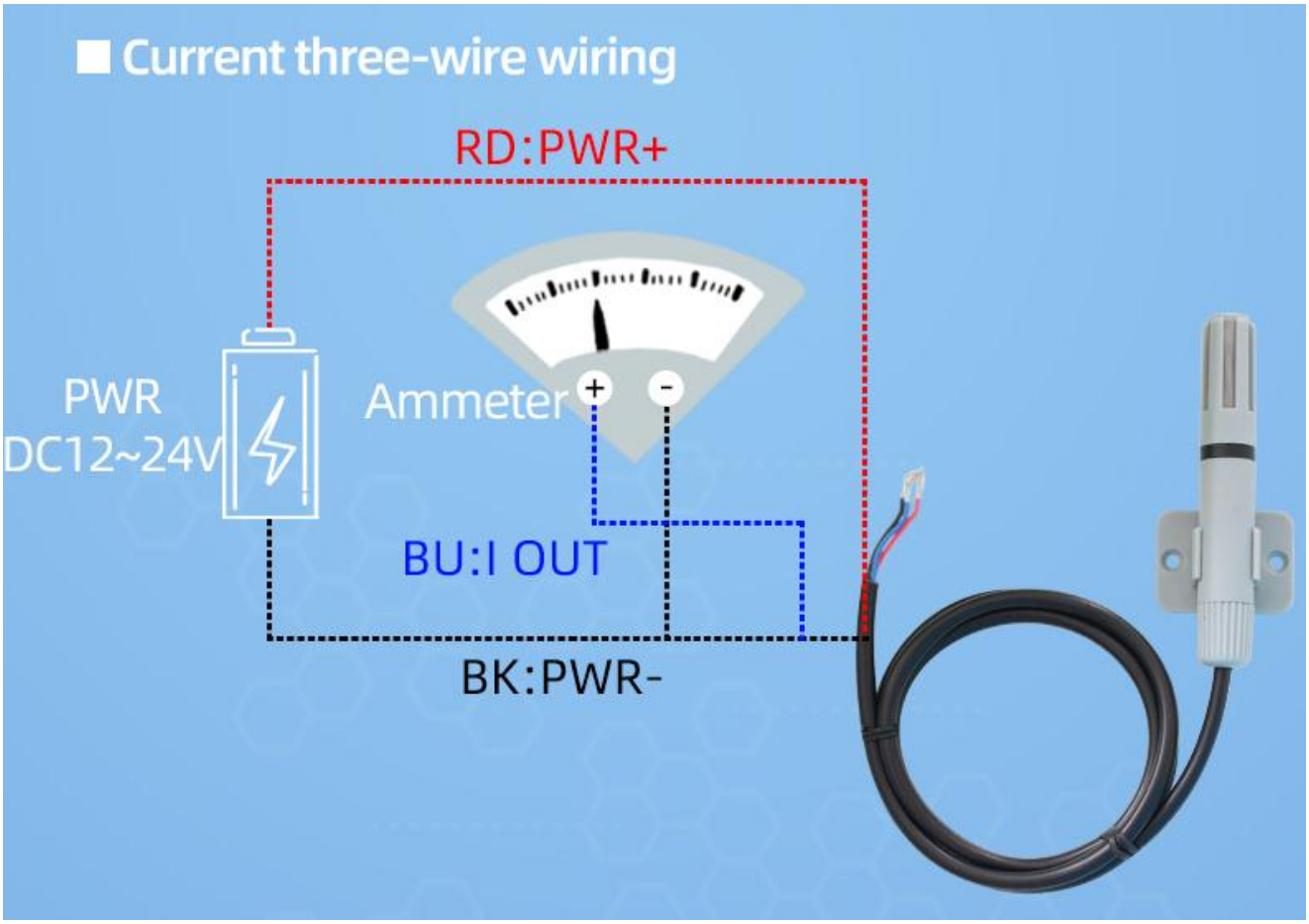

Stainless steel filter
High-quality probe
Wire
Mounting holes
Waterproof terminal
Standard 1M wire

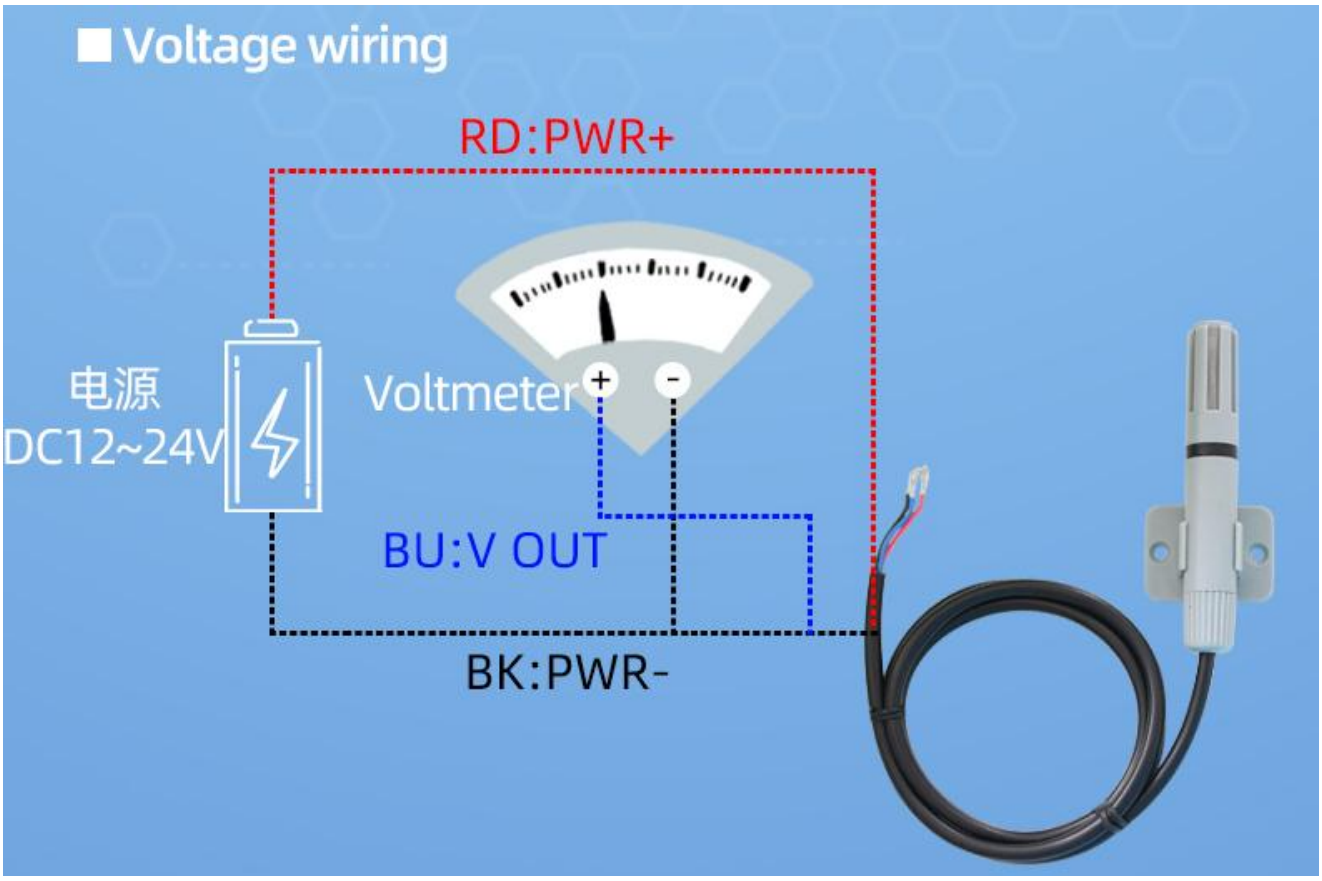


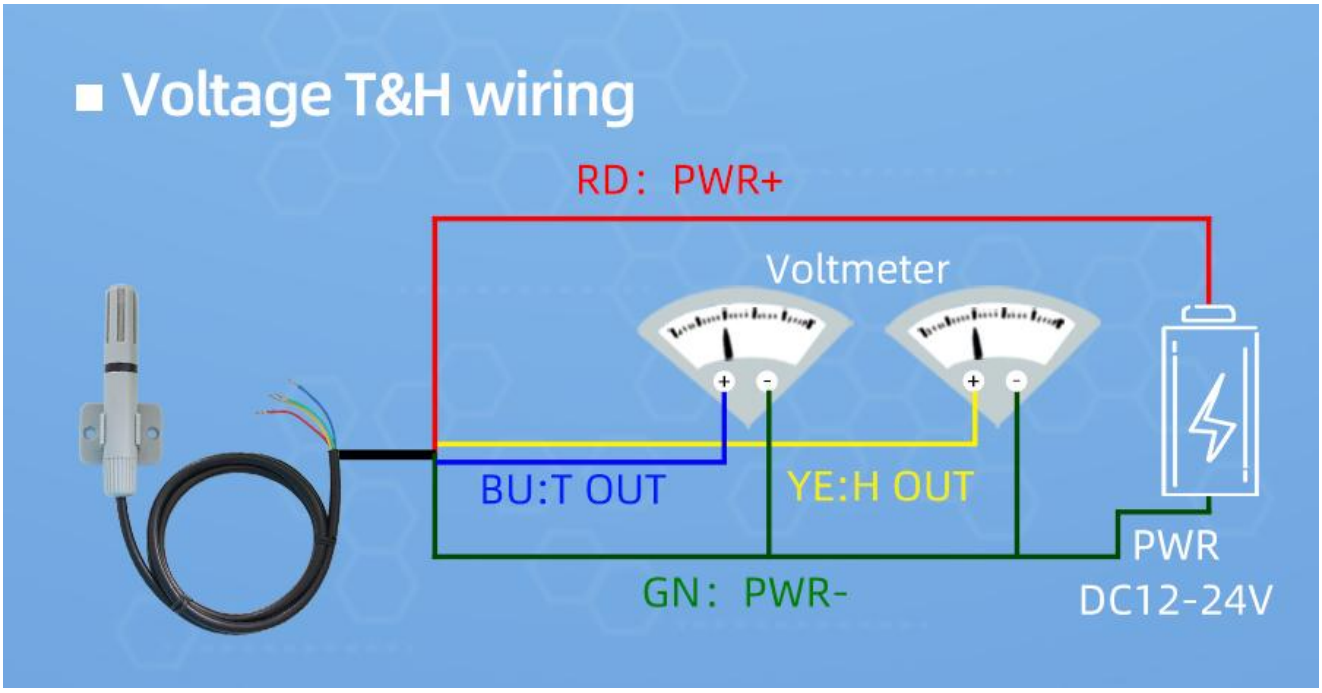
Application solution


RS485 Wiring
RS485 Converter
USB-RS485/TTL
CONVERTER
GND
RXD/B-
TXD/A+
5V+
Wiring
Data
transmission
Computer side


Current two-wire wiring
PWR
DC12~24V
RD:PWR+
BK:PWR-


Current three-wire wiring
RD:PWR+
PWR
DC12~24V
Ammeter
+
-
BU:I OUT
BK:PWR-


Voltage wiring
RD:PWR+
电源
DC12~24V
Voltmeter
+
-
BU:V OUT
BK:PWR-


■ Voltage T&H wiring
RD: PWR+
Voltmeter
BU:T OUT
YE:H OUT
GN: PWR-
PWR
DC12-24V

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





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