

SM1100B

Protective intelligent temperature data acquisition module

User Manual

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SM1100B using the standard RS485 bus MODBUS-RTU protocol,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℃~85℃
Temperature measuring accuracy	±0.5℃ @25℃
Humidity measuring range	0~100%RH
Humidity accuracy	±3%RH @25℃
Communication Interface	RS485
Default baud rate	9600 8 n 1
Power	DC9~24V 1A
Running temperature	-30~85℃
Working humidity	5%RH~90%RH

Product Size



Wiring instructions

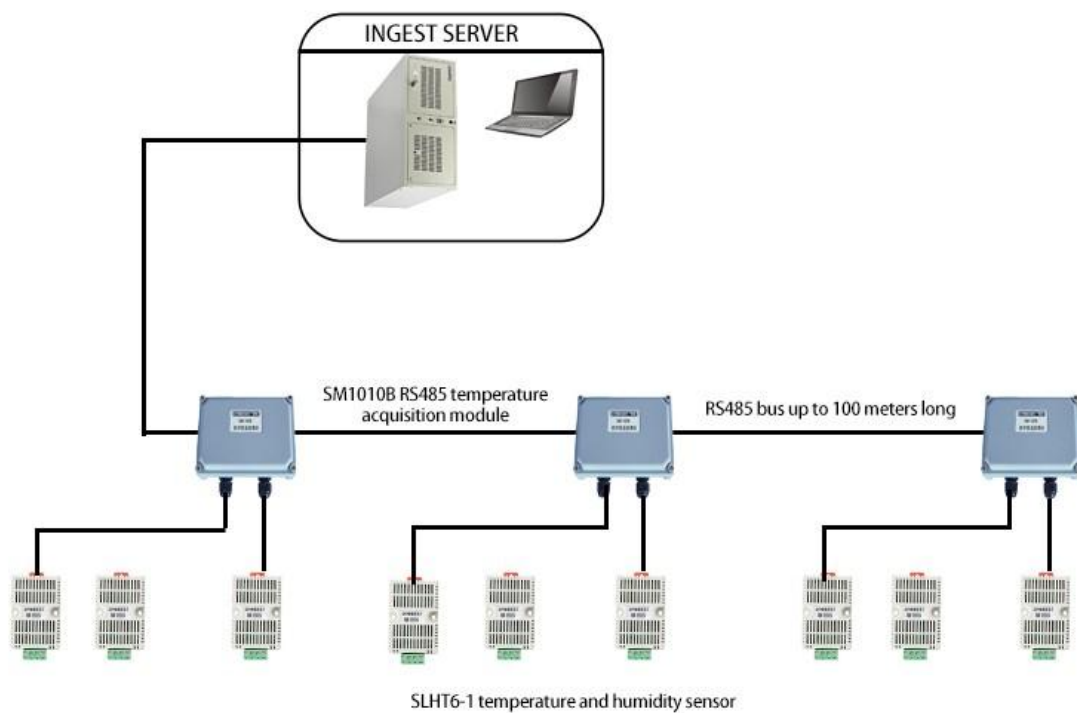
In the case of broken wires, wire the wires as shown in the figure. If the product itself has no leads, the core color is for reference.

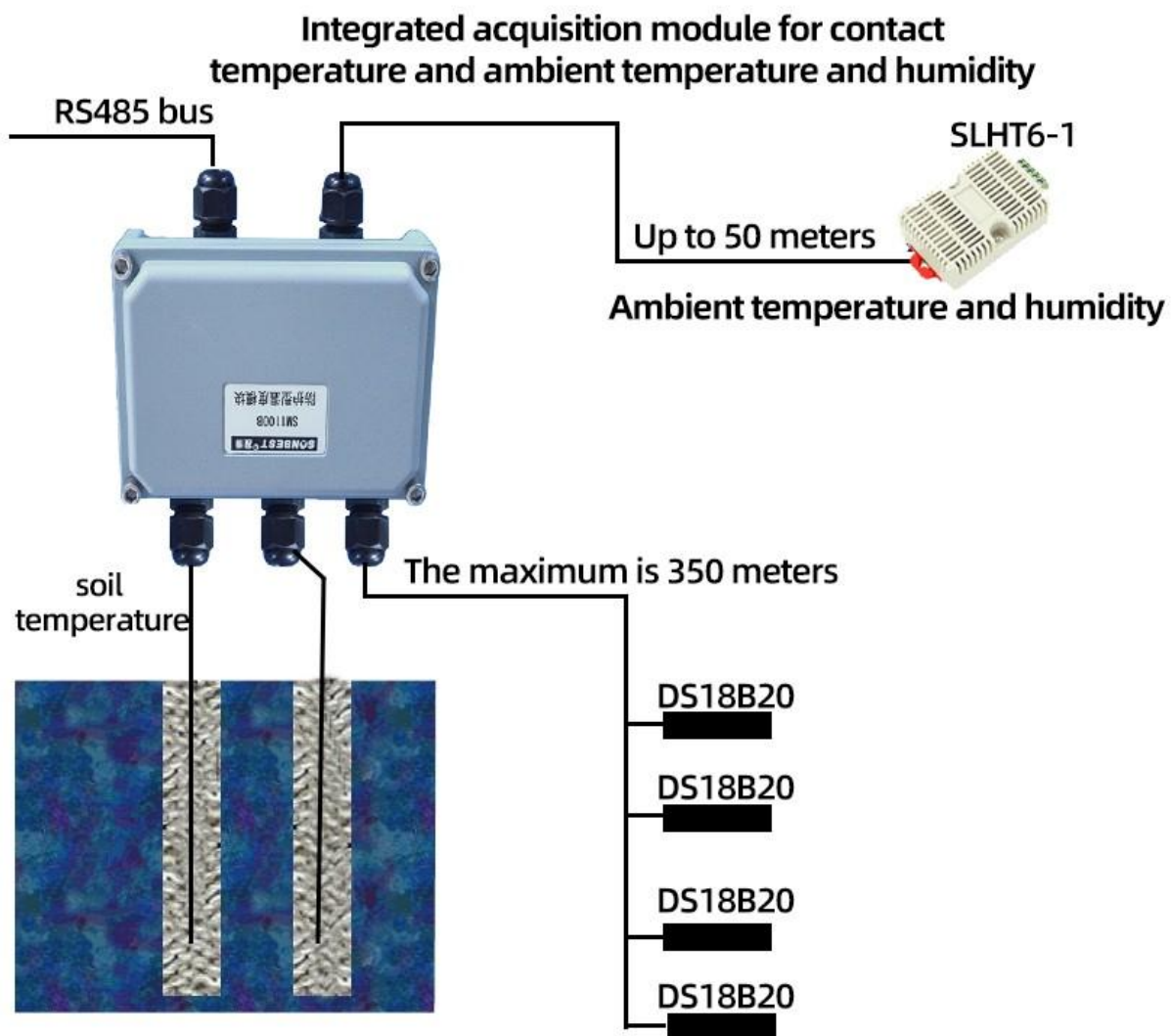
How to use?

The temperature acquisition module can be widely used in the field of indoor temperature measurement such as grain warehouse, heat source heat pump, machine shop, library, museum, Office, archives and so on



Application solution





Product List



SM1100B Protective
Temperature Module



Reminder card



Certificate

Communication Protocol Disclaimer

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