

SCA1000_SR1000

Portable temperature measurement system of vertical buried pipe geothermal heat pump

User Manual

File Version: V23.6.24



SCA1000_SR1000 using the standard ,easy access to PLC , DCS and other instruments or systems for monitoring 测温电缆 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

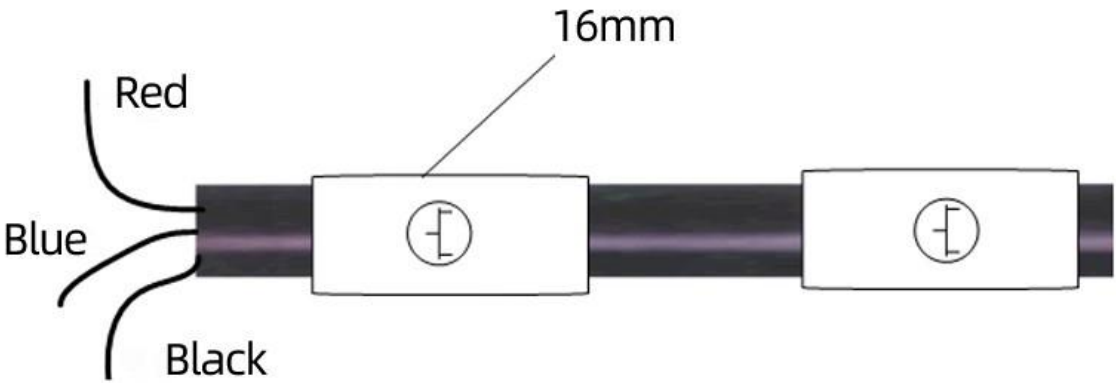
RS232,RS485,CAN,4-20mA,DC0~5V\10V,ZIGBEE,Lora,WIFI,GPRS and other output methods.

Technical Parameters

Technical parameter	Parameter value
Brand	SONBEST
Built-in temperature points	1~20
Temperature speed	750ms
Power Supply	DC 3~5.5V
Power Consumption	1~50mW
Storage temperature	~20 to 80℃
Support bus length	1~500m
Cable Outer Diameter	9mm
Power	DC3~5.5V
Running temperature	-30~85℃
Working humidity	5%RH~90%RH

Product Size

Stainless steel protective packaging, maximum outside diameter



Wiring



WIRING

RED POWER SUPPLY POSITIVE POLE
BLACK POWER SUPPLY NEGATIVE
BLUE SIGNAL LINE

NOTE: THE MAXIMUM POWER SUPPLY VOLTAGE OF THE CABLE CAN NOT BE HIGHER THAN DC5.5 V, OTHERWISE IT WILL BURN THE CABLE

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?

Can be used for underground wells, underground temperature measurement, reservoir temperature measurement

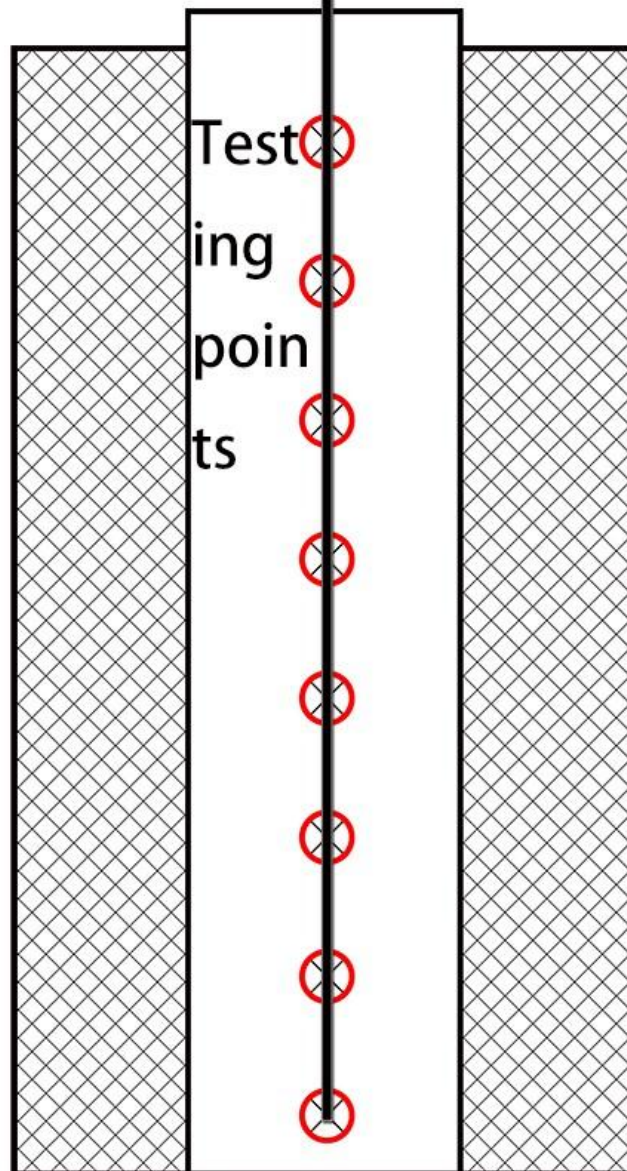


Application solution

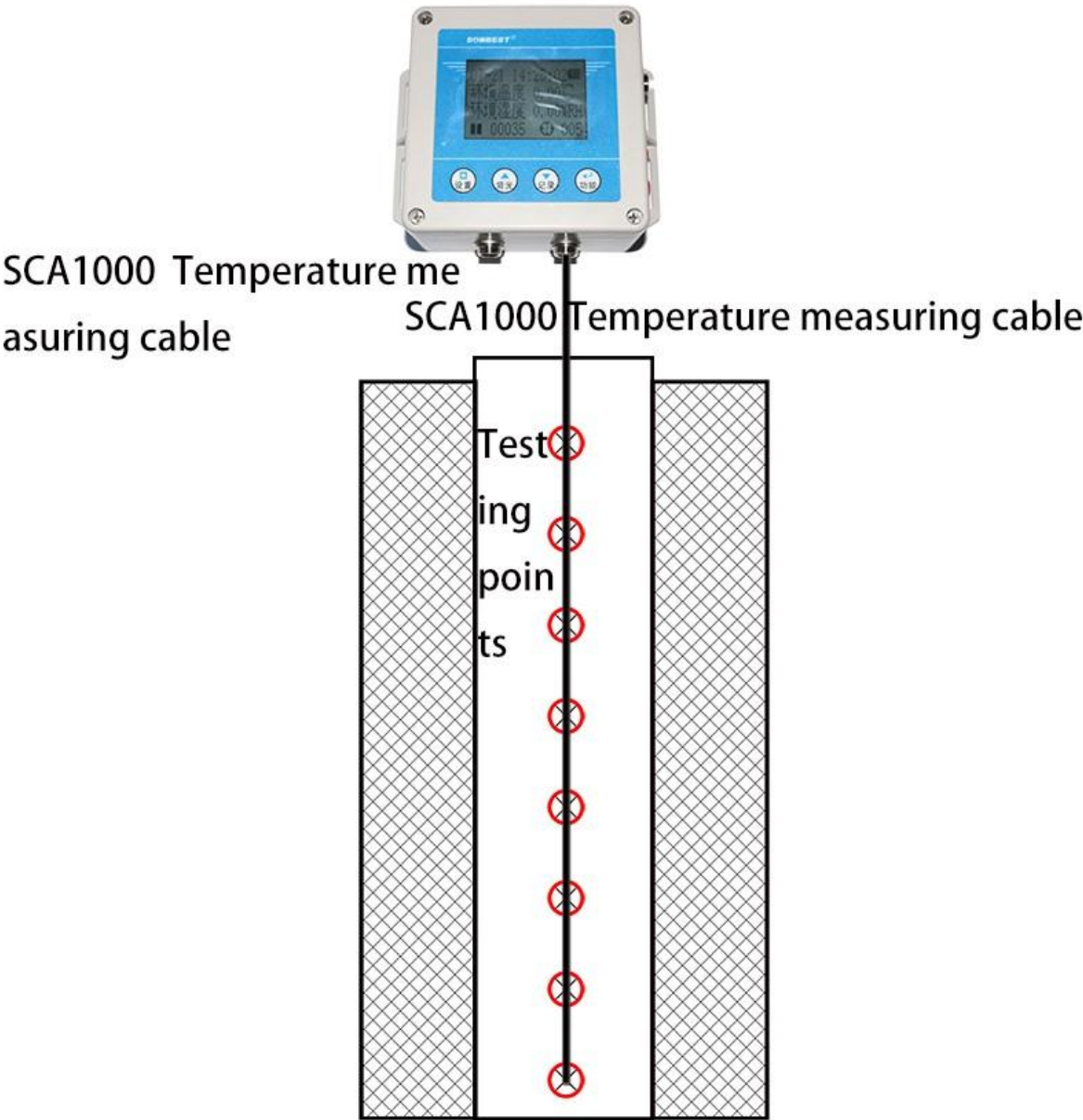
SR9300 hand-held temperature recorder

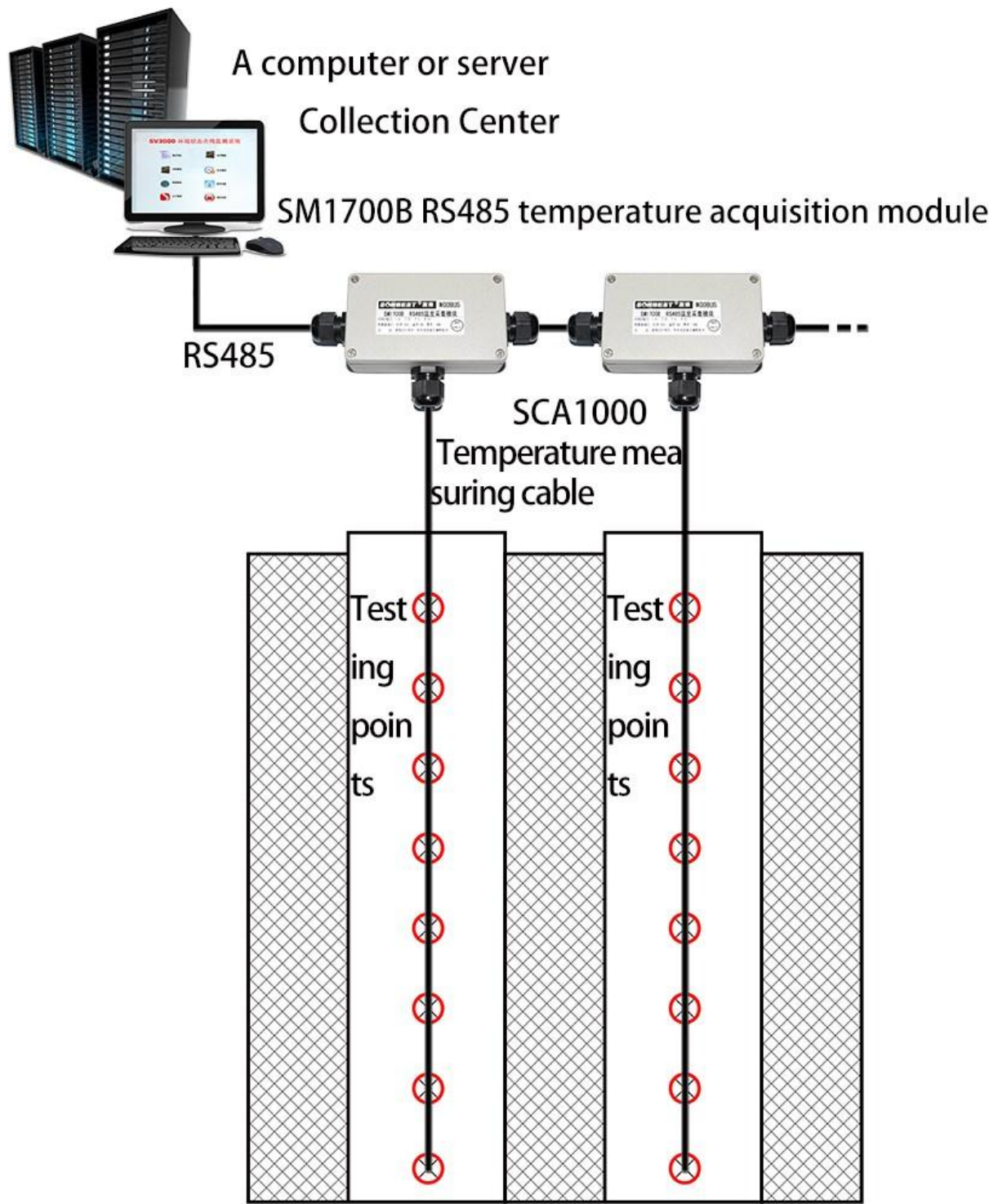


SCA1000 Temperature
measuring cable



SR1000
Multi-point temperature recorder





Product List



Buried pipe temperature cable



Warm Reminder card



Certificate

Disclaimer

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