

SG5030V-3002

GPRS soil moisture temperature integrated sensor

User Manual

File Version: V23.8.4



SG5030V-3002 using the standard GPRS Wireless Interface, easy access to PLC, DCS and other instruments or systems for monitoring soil Moisture, soil 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
Moisture measuring range	0~100%
Moisture measuring accuracy	±3% @25℃
Moisture Temperature range	-30℃~80℃
Moisture Temperature accuracy	±0.5℃ @25℃
Communication Interface	GPRS
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.

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