

SM2801V3**0-2V voltage type soil moisture sensor****User Manual**

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SM2801V3 using the standard ,easy access to PLC , DCS and other instruments or systems for monitoring 24%soil Moisture 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	0~24%
Moisture measuring accuracy	±3% @25°C
Power	DC12~24V 1A
Running temperature	-40~80°C
Working humidity	5%RH~90%RH

Wiring instructions

Any incorrect wiring can cause irreversible damage to the product. Please carefully wire the cable as follows in the case of power failure, and then connect the cable to confirm the correctness and then use it again.

ID	Core color	Identification	Note
1	Red	V+	Power V+
2	Blue	I+	sensor output
3	BLACK	V-	Power negative electrode

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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Contact Us

Company: Shanghai Sonbest Industrial Co., Ltd

Address: Building 8, No.215 North east road, Baoshan District, Shanghai, China

Web: <http://www.sonbest.com>

Web: <http://www.sonbus.com>

SKYPE: soobuu

Email: sale@sonbest.com

Tel: 86-021-51083595 / 66862055 / 66862075 / 66861077