

SM2120M

4-20mA current type soil pH sensor

User Manual

File Version: V23.8.8

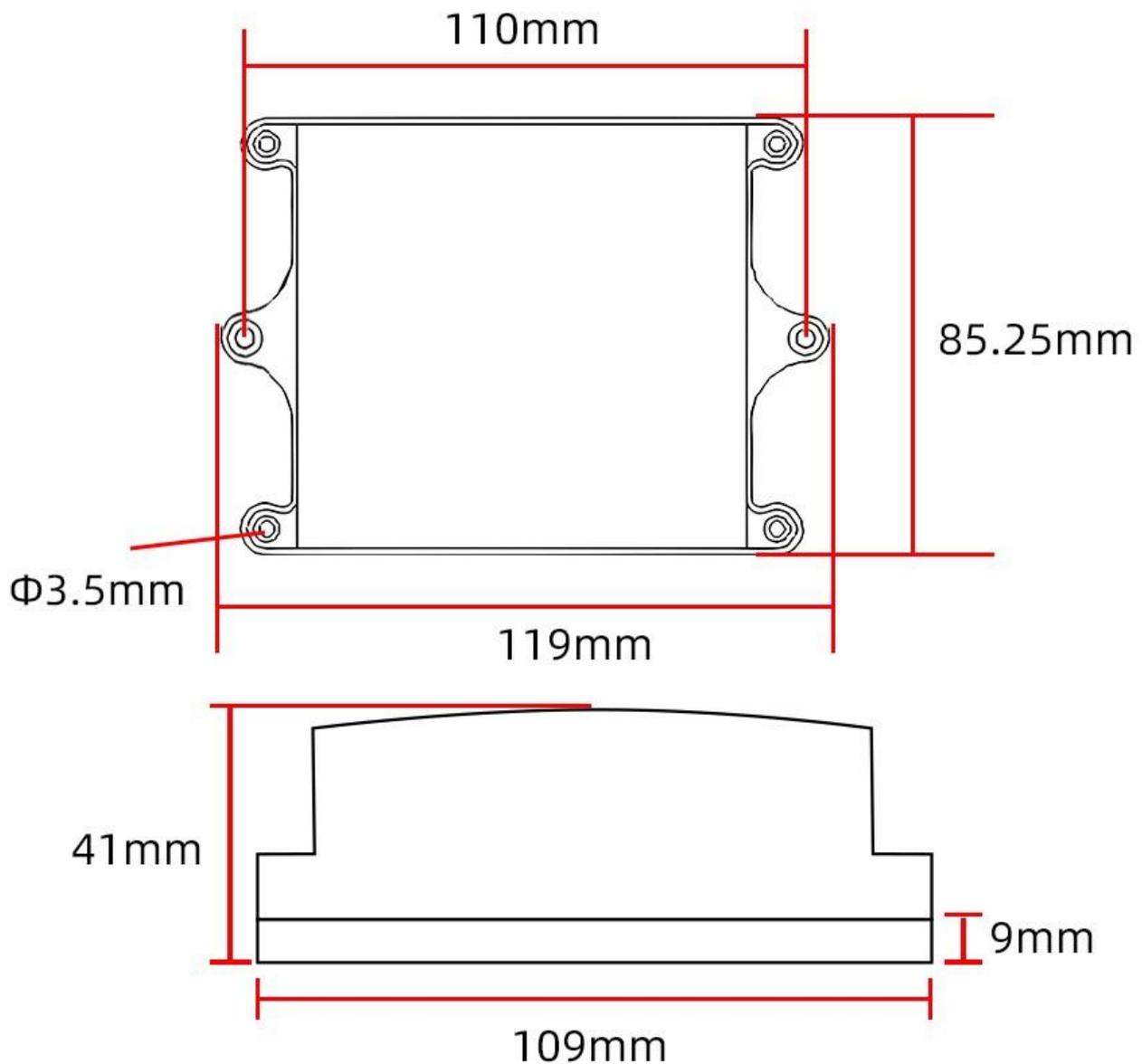


SM2120M using the standard DC4-20mA current output signal,easy access to PLC, DCS and other instruments or systems for monitoring soil pH state quantities.The internal use of high -precision sensing core and related devices to ensure high reliability and excellent long-term stability,can be customized RS232,RS485,CAN,4-20mA,DC0~5V\10V,ZIGBEE,Lora,WIFI,GPRS and other output methods.

Technical Parameters

Technical parameter	Parameter value
Brand	SONBEST
PH range	4~8
PH accuracy	±1
Communication Interface	DC4~20mA
Power	DC12~24V 1A
Running temperature	-30~85°C
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.

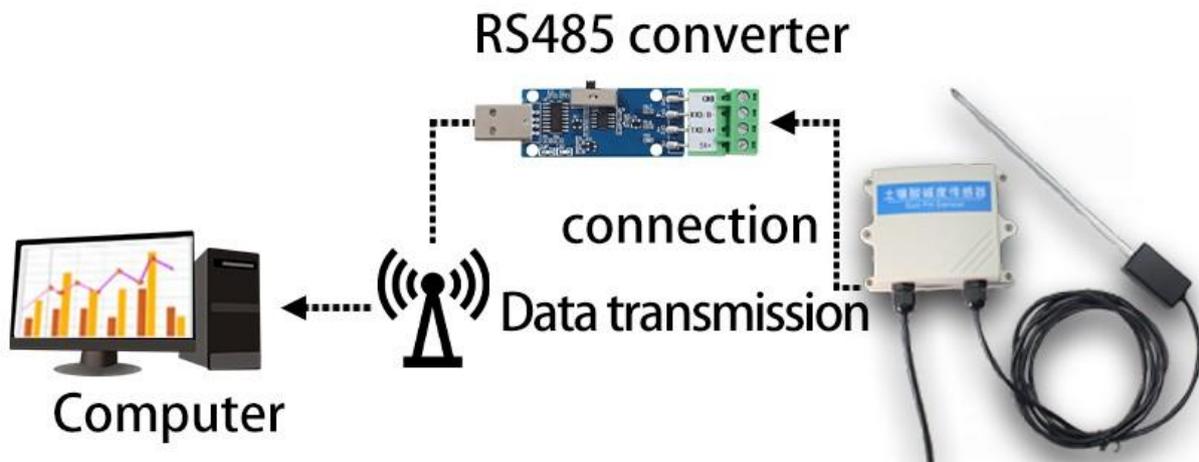
How to use?

pH sensors are widely used in wastewater treatment, purified water, circulating water, boiler water and other systems, as well as PH value detection in electronics, aquaculture, food, printing and dyeing, electroplating, pharmaceutical, fermentation, chemical and other fields, and environmental monitoring and remote system applications such as surface water and pollution source discharge



Application solution

■ RS485 wiring method



Product List



**pH sensor
(without converter,
without power supply)**



Certificate

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