

## SM2121A

### 4-20mA current type liquid pH sensor

#### User Manual

File Version: V23.8.8



SM2121A using the standard DC4-20mA current output signal,easy access to PLC, DCS and other instruments or systems for monitoring 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	4~14
PH accuracy	±0.5
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.

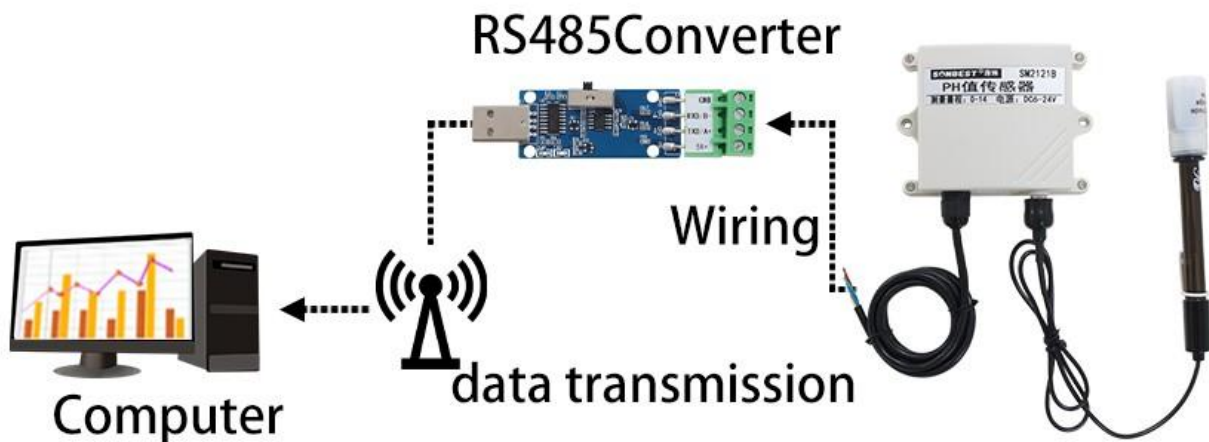
## How to use?

Liquid pH sensors are widely used in wastewater treatment, purified water, circulating water, boiler water and other systems, as well as electronic, aquaculture, food, printing and dyeing, electroplating, pharmaceutical, fermentation, chemical and other fields of pH detection, in Environmental monitoring and remote systems such as surface water and pollution source discharges



**Application solution**

**■ RS485Connection mode**



**Product List**



Liquid pH sensor (no converter, no power supply)



Certificate

### Disclaimer

This document provides all information about the product, does not grant any license to intellectual property, does not express or imply, and prohibits any other means of granting any intellectual property rights, such as the statement of sales terms and conditions of this product, other issues. No liability is assumed. Furthermore, our company makes no warranties, express or implied, regarding the sale and use of this product, including the suitability for the specific use of the product, the marketability or the infringement liability for any patent, copyright or other intellectual property rights, etc. Product specifications and product descriptions may be modified at any time without notice.

### 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](mailto:sale@sonbest.com)

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