

SLHT3

Miniature protection type SHT71 temperature and humidity digital sensor

User Manual

File Version: V20.11.26



SLHT3 using the standard ,easy access to PLC, DCS and other instruments or systems for monitoring
_11_15_20_21_25_30_31_35 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 imported chip | SHT10\SHT20\SHT30(optional) |
| Temperature measurement range | -30°C~80°C |
| Temperature measurement accuracy | ±0.2~0.5°C @25°C |
| Humidity measurement range | 0~100%RH |
| Humidity Measurement Accuracy | ±1.8~4.5%RH @25°C |
| Power | DC2.4~3.6V |

Product Selection

Product Design SLHT series, according to the different models of the built-in imported SHT chip, the products are divided into the following models.

| Product model | built-in chip |
|---------------|---------------|
| SLHT3-1 | SHT10 |
| SLHT3-2 | SHT11 |
| SLHT3-3 | SHT15 |
| SLHT3-6 | SHT20 |
| SLHT3-7 | SHT21 |
| SLHT3-8 | SHT25 |
| SLHT3-9 | SHT30 |

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 | VDD | Power V+ |
| 2 | Green | GND | Power V- |
| 3 | Yellow | Sck | Sck |
| 4 | Blue | Dat | Data |

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.

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

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