

SLHT12

Serial interface protection digital temperature and humidity sensor

User Manual

File Version: V20.11.26



SLHT12 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
SLHT12-1	SHT10
SLHT12-2	SHT11
SLHT12-3	SHT15
SLHT12-6	SHT20
SLHT12-7	SHT21
SLHT12-8	SHT25
SLHT12-9	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.

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