

SLHT7

Concrete temperature and humidity sensor

Product Overview

SLHT7 including SLHT7-1, SLHT7-2, SLHT7-3

3 models. Soil temperature and humidity sensors can be buried in concrete, the concrete by measuring the temperature and humidity inside the air column, so as to achieve the purpose of measuring the temperature and humidity of concrete. Non-contact measuring principle of indirect measurement, contact measurement of user needs, please use our SM2802B SM3002B soil moisture or temperature sensors. Comes standard with a long noodle products, support up to 50 meters, the user has the long-term requirements can be customized.

Please refer to the user programmed instructions and Switzerland SHT original package provided by our company. Please use the power wiring and strictly follow the instructions. Remember to check the wiring is correct and then energized.

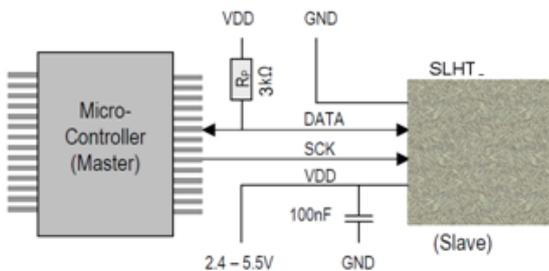
Parameters

Parameter	SLHT7
Supply Voltage	2.4-5.5V
Temperature range	-40 +85℃
Measurement Accuracy	± 3 °C or ± 0.4 °C or ± 0.5 °C
Measuring humidity range	0-100%RH
Measuring precision	± 1.8% or ± 3% or ± 4.5% RH
Power Consumption	80 μ W (12 level measurement, 1 / s);

Interface Wiring

Lead color	Clock signal	Remark
Red	Power supply	
Green	Ground	
Blue	Data Output	Pull-up resistor must be connected to 3-10k
Yellow	Clock signal	

Connected with the microcontroller, please refer to the following circuit.



http:// www.sonbus.com



ORDERING INFORMATION

Model	Built-in chip
SLHT7-1	SHT10
SLHT7-2	SHT11
SLHT7-3	SHT15

Dimensions

