SLHT23

Protection Temperature and humidity sensor

Product Overview

SLHT23 including SLHT23-1, SLHT23-2, SLHT23-3 of 5 models were built -SHT10, SHT11, SHT15. Protective type can effectively prevent dust and other particles from entering the sensor chip, so as to achieve the purpose of protection, extend sensor life. Comes standard with a long noodle products, support up to 50 meters, the user has the long-term requirements can be customized.

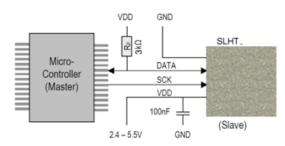
Please refer to the user programmed instructions and Switzerland SHT original package provided by our company. Please use the power wiring and strictly follow the instructions. Remember to check the wiring is correct and then energized.

Parameters

Parameter	Value
Energy consumption	80uW (at12bit, 3V, 1 measurements/ s)
RH operating range	0 - 100% RH
T operating range	-40 - +100°C
RH response time	8 sec (tau63%)
Humidity measurement precision	±1.8%RH(@25°C)
Power supply voltage	2.4-5.5V
Dimensions	See Drawing

Sensor Interface

Wire color	Name	Description
Green	VSS	Ground
Yellow	SCK	Serial clock
Red	VDD	Supply voltage
Blue	SDA	Serial data





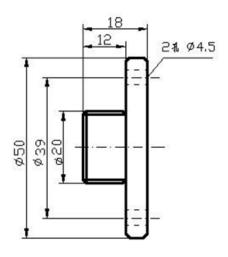
http:// www.sonbus.com



ORDERING **INFORMATION**

Туре	Inside sensor chip
SLHT23-1	SHT10
SLHT23-2	SHT11
SLHT23-3	SHT15

Dimensions



SONBEST Components Industries, SHANGHAI, CHINA www.sonbest.com October, 2015 - Rev. 26

1

Publication Order Number: SLHT23