

Humidity and Temperature Module

- ✓ Fully calibrated
- ✓ I²C digital output
- ✓ Excellent long-term stability
- ✓ Fast-response and anti-interference capability



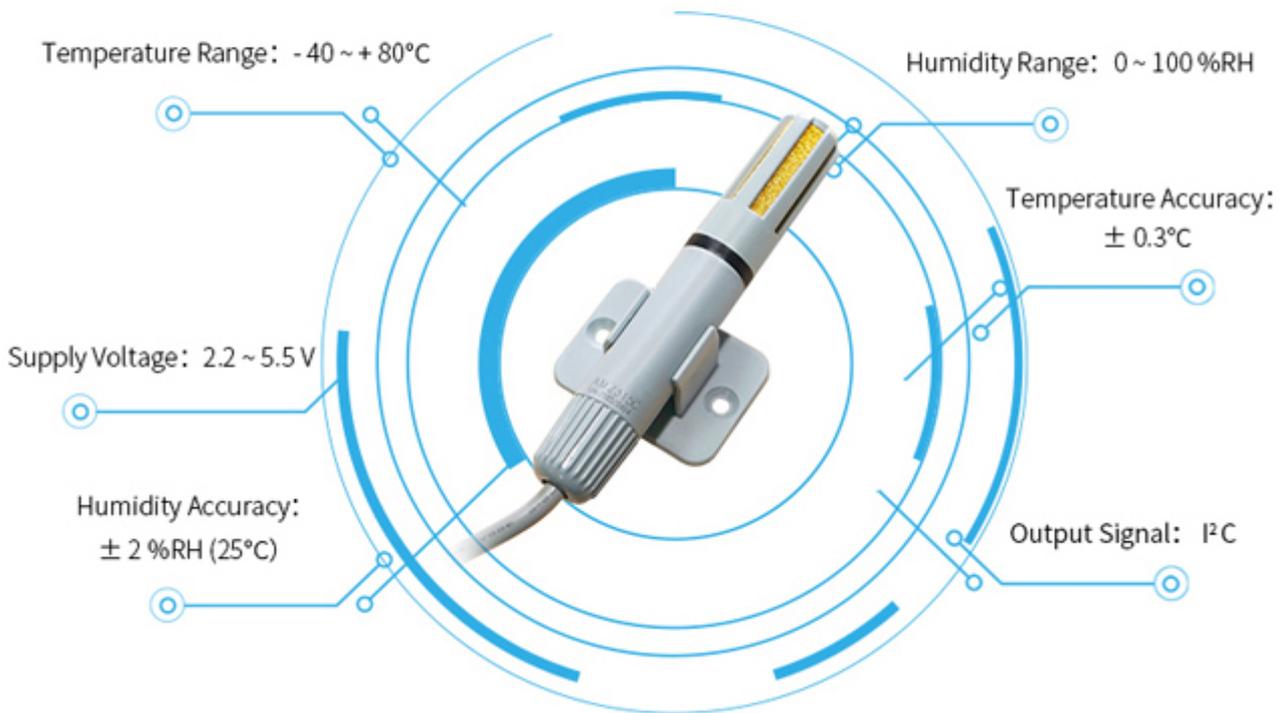
供电电压	DC 2.2-5.5V
工作温度 (°C)	-40 ~ +80 ~
湿度范围 (RH)	0 ~ 100%RH
温度精度	± 0.3 °C
湿度精度	± 2%RH
分辨率	0.01 idity 湿度 : 0.024%RH
精度	± 0.1 °C 湿度 : ± 0.1%RH
接口	I ² C 数字
外壳	ABS+PC 塑料

AM2315C 采用 ASIC 芯片, 集成 MEMS 传感器, 具有高精度、高稳定性、低功耗、体积小、响应快、抗干扰能力强等特点。AM2315C 模块采用 I²C 数字接口, 方便与各种微处理器连接, 广泛应用于工业、农业、气象、环保等领域。

SPECIFICATIONS >>



ASIC chip, an improved MEMS capacitive humidity sensor and a temperature sensor. The performance and reliability have been greatly improved. The new generation sensor module has a more stable performance even in harsh environment.



规格参数 :

供电电压	DC 2.2-5.5V
温度范围 (°C)	-40 ~ +80 ~
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湿度精度	± 2%RH
分辨率	0.01 idity RH : 0.024%RH
精度	± 0.1 °C RH : ± 0.1%RH
接口	I²C 接口
外壳	ABS+PC 注塑

产品特点 :

- 高精度、高稳定性
- 湿度精度 ± 2% RH, 温度精度 ± 0.3 °C
- 支持 I²C 通信接口
- 工作电压 2.2 ~ 5.5V DC
- 体积小
- 使用寿命长

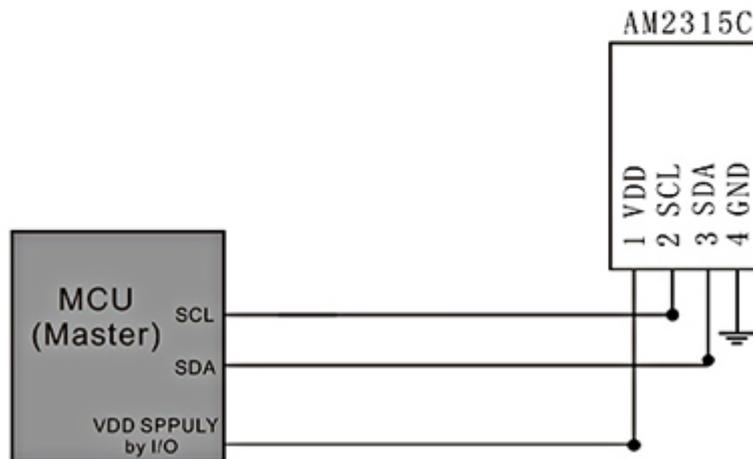
APPLICATIONS >>

The AM2315C humidity and temperature sensor with digital I²C output. It can be used in HVAC, dehumidifier, testing and inspection equipment, consumer products, automobiles, automatic control, data loggers, weather stations, home appliances, humidity control, medical and other fields.



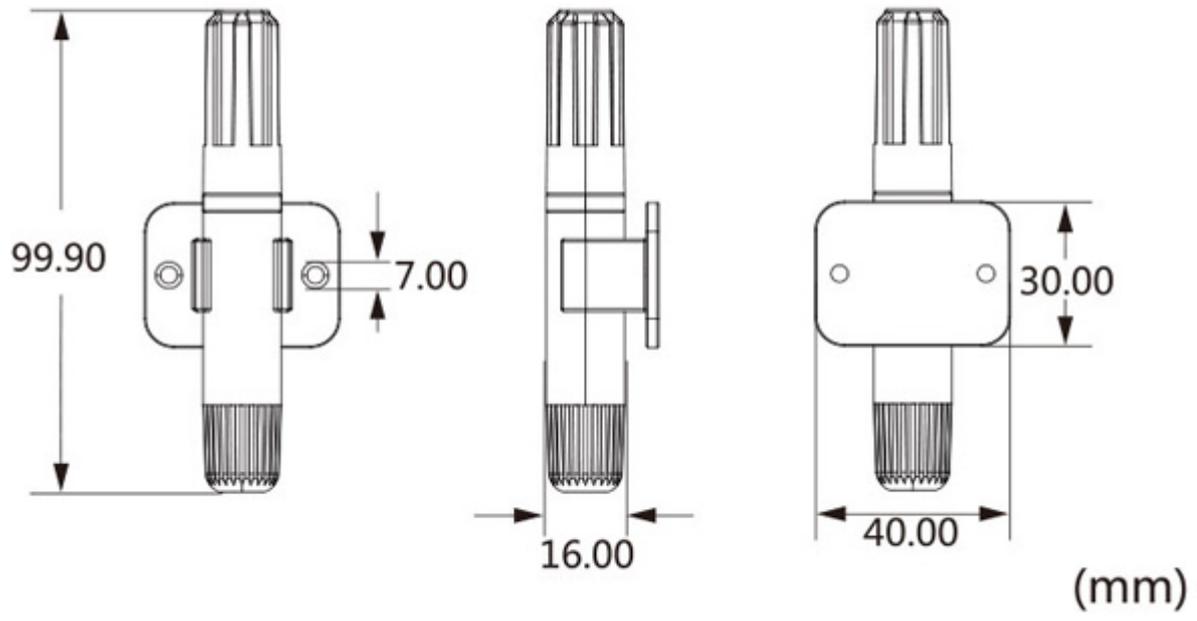
AM2315C 湿度和温度传感器具有数字 I²C 输出。它可用于 HVAC、除湿器、测试和检测设备、消费品、汽车、自动控制、数据记录仪、天气站、家用电器、湿度控制、医疗和其他领域。

INTERFACE DEFINITION >>



AM2315C Sensor pin definition

Pins	Name	Description
1 (Red)	VDD	Power supply(2.2V to 5.5V)
2 (White)	SCL	Serial Clock, Bidirectional Port
3 (Yellow)	SDA	Serial Data, Bidirectional Port
4 (Black)	GND	Ground





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send us inquiry



receive our quotation



negotiate details



mass production



sign contract / deposit



confirm the sample



cargo ready



balance / delivery



further cooperation

