

SEEED-SEN111A2B

Humidity temperature sensor module



PRODUCT DETAILS

The module of HSM-20G is essential for those applications where the relative humidity can be converted to standard voltage output.

1. Applications

- Humidifiers & dehumidifiers
- Air-conditioner
- Humidity data loggers
- Automotive climate control
- Other applications

2. Specifications

- Characteristics HSM-20G
- Input voltage range
- DC 5.0±0.2V Output voltage range DC 1.0???.0 V
- Measurement Accuracy ±5% RH
- Operating Current (Maximum) 2mA
- Storage RH Range 0 to 99% RH
- Operating RH Range 20 to 95% (100% RH intermittent)
- Transient Condensation < 3%RH
- Storage -20°C to 70°C
- Temperature Range Operating 0°C to 50°C
- Hysteresis (RH @ 25°C) MAX 2%RH
- Long Term Stability(typical drift per year) ±1.5%
- Linearity Linearity
- Time Response(63% step change) 1 min
- Dimensions(L*W) 34mm*22mm