

## Humidity Sensor Module SY-HS-230

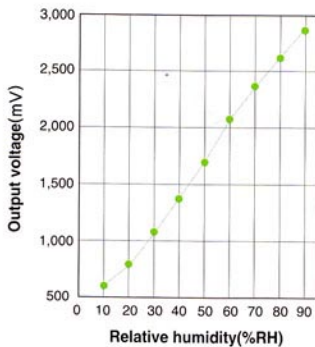
These modules convert the relative humidity to the output voltage.

### Specifications

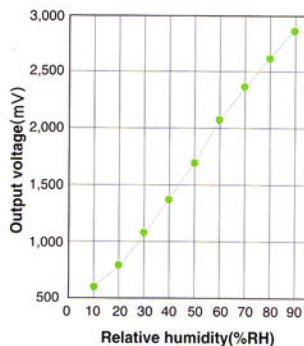
| Items                 | SY-HS-230A   | SY-HS-230B |
|-----------------------|--|------------|
| Rated voltage         | DC 5.0V  |            |
| Rated power           | ≤3.0mA   |            |
| Operating temperature | 0-60℃  |            |
| Operating humidity    | 10-90%RH   |            |
| Storage humidity      | Within 95%RH   |            |
| Storage temperature   | -30-85℃  |            |
| Accuracy              | ±5%RH(at 25℃, 60%RH)   |            |
| Remarks               | PCB unit containing thermistor or diode for temperature compensation |            |

### Characteristics Curve (at 25℃)

SY-HS-230A



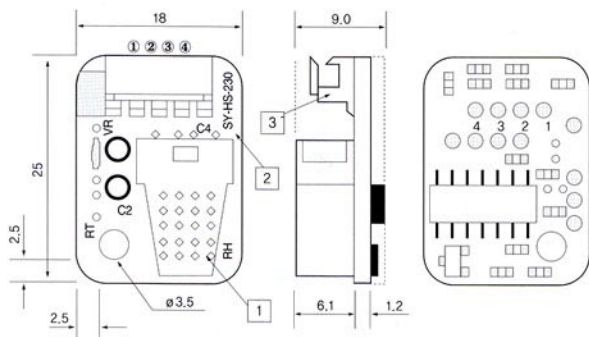
SY-HS-230B



## Standard Characteristics

| %RH | Spec.(mV) |         |
|-----|-----------|---------|
|     | HS-230A   | HS-230B |
| 10  | 580       | 700     |
| 20  | 760       | 920     |
| 30  | 1030      | 1310    |
| 40  | 1360      | 1700    |
| 50  | 1700      | 2050    |
| 60  | 2040      | 2380    |
| 70  | 2350      | 2710    |
| 80  | 2620      | 2970    |
| 90  | 2870      | 3180    |

## Dimensions (Unit : mm)



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