Element type Resistive humidity Sensor

Application

Equipment related humidity sensing

Weather station, refrigerator, washing machine, air conditoner, air purifier, etc.

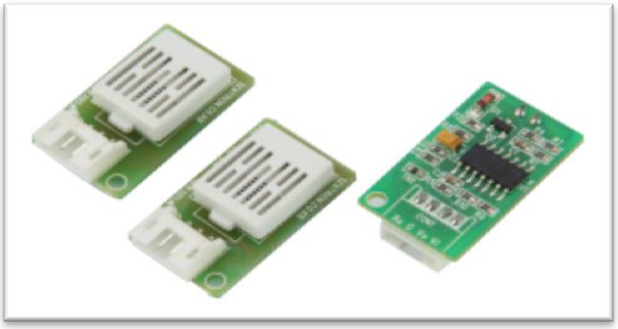
Features

Excellent endurance against humidity

Excellent durability

High water resistance

Competitive price



Main Parts

Humidity sensor : Material Substrator

Printed board : Material :FR4 / t=1.0mm

Connector : 4P

Terminal Connection

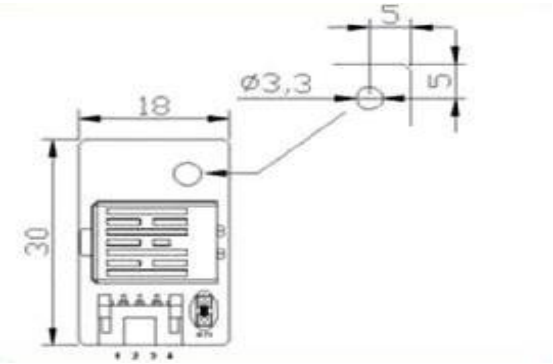
1 : Vin

2 : Humidity output

3 : Ground, T-

4 : T+

Shape & Dimension



Humidity ouput signal

Humidity	20%RH	30%RH	40%RH	50%RH	60%RH	70%RH	80%RH	90%RH
Output Voltage	660mV	990mV	1320mV	1650mV	1980mV	2310mV	2640mV	2970mV

Standard Specification

Item	Humidity sensor
Reted Voltage	DC 5V ± 5%
Current Consumption	4mA Max.(Avr. 2mA)
Operating Temp.	0℃ ~ 60℃
Operating Humidity	20%RH ~ 95%RH
Storage Temp.	-20℃ ~ 70℃
Storage Humidity	30%RH ~ 80%RH
Humidity transmitting	20%RH ~ 95%RH
Accuracy	±3%RH(at 25℃)