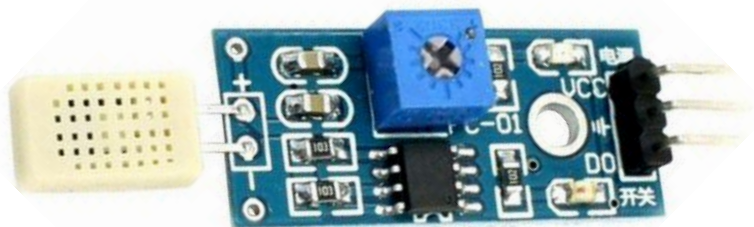HR202 humidity sensor module detects humidity humidity humidity module switch

Purpose:

Humidity testing, humidity sensor, ambient humidity detection

Module Features :

1 , using high quality HR202 humidity sensor ;

2 , the comparator output signal clean waveform is good , driving ability, than 15mA.

3 , adjust the temperature distribution bit detection threshold

4, Working voltage 3.3V-5V

5, the output format : Digital switching output (0 and 1)

6, with bolt holes for easy installation

7 , a small board PCB size : 3.2cm x 1.4cm

8 , using a wide voltage LM393 comparator

Wiring (3-wire)

1 VCC external 3.3V-5V

2.External GND GND

3 DO digital output interface, a small plate (0 and 1)

Module for use

1, the humidity sensor module is sensitive to humidity , generally used to detect ambient humidity ;

2, through the adjustment of the potentiometer , can change the humidity detection threshold (that is, control humidity values) , if necessary to control humidity of 60 %, the humidity in the corresponding module is set to its green light , DO output is HIGH level falls below the set humidity value, the output is high , the green light does not shine ;

3, DO output can be directly connected with the microcontroller through the microcontroller to detect high and low , thereby detecting the humidity changes ;

4, DO OUR outputs can directly drive the relay module , which can be composed of a humidity switch, control related equipment in proper working environment ;