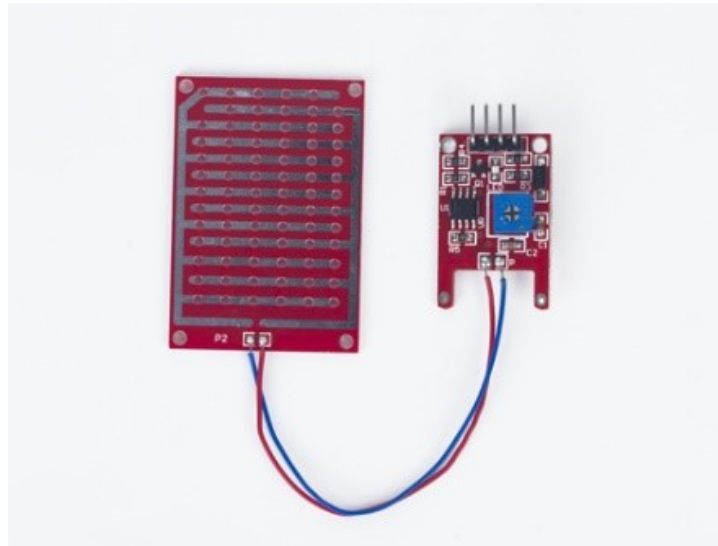


# User Manual

## For

# Raindrop Humidity Sensor for Arduino(ME111)



### Description:

The item is for Arduino robot kit, raindrops, rain sensor, monitoring can be used for a variety of weather conditions, and converted into the number of the reference signal and the AO output. The sensor uses the FR-04 high-quality double-sided materials, and with the surface of the nickel plating treatment, against oxidative, conductivity, superior performance and longevity; The output in the form: digital switching outputs (0 and 1) and analog AO voltage output; TTL-level output, TTL output valid signal is low. Driving capability 100MA so, can directly drive relays, buzzer, a small fan, and so on. Sensitivity can be adjusted via potentiometer.

### PinOut

Pin	Description
Vcc	Power supply 5V/DC
Gnd	Ground
TTL	Digital signal output pin
AS	Analog signal Output pin

### Example:

The wire connection as below:

```
"Vcc"-----5V
"Gnd"-----Gnd
"AS"-----A0
```

```
*****Code Begin*****
```

```
int sensorPin = 0;
int sensorValue = 0;
void setup() {

    Serial.begin(9600);
}

void loop() {
    sensorValue = analogRead(sensorPin);
    delay(1000);
    Serial.print("sensor = " );
    Serial.println(sensorValue);
}
```

```
*****Code End*****
```