

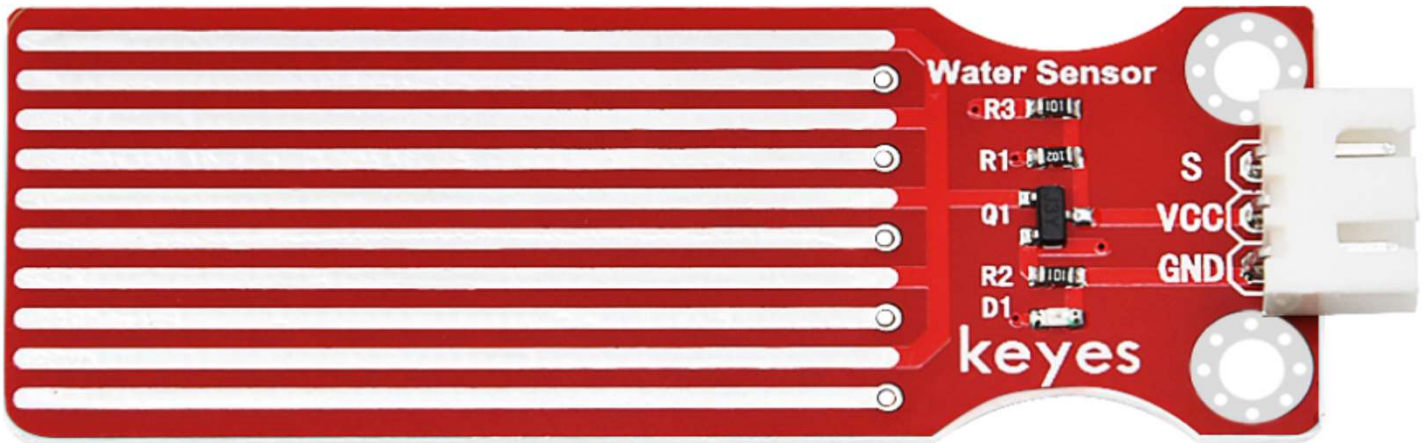
## KE2022 KEYES water level sensor module

### Parameters:

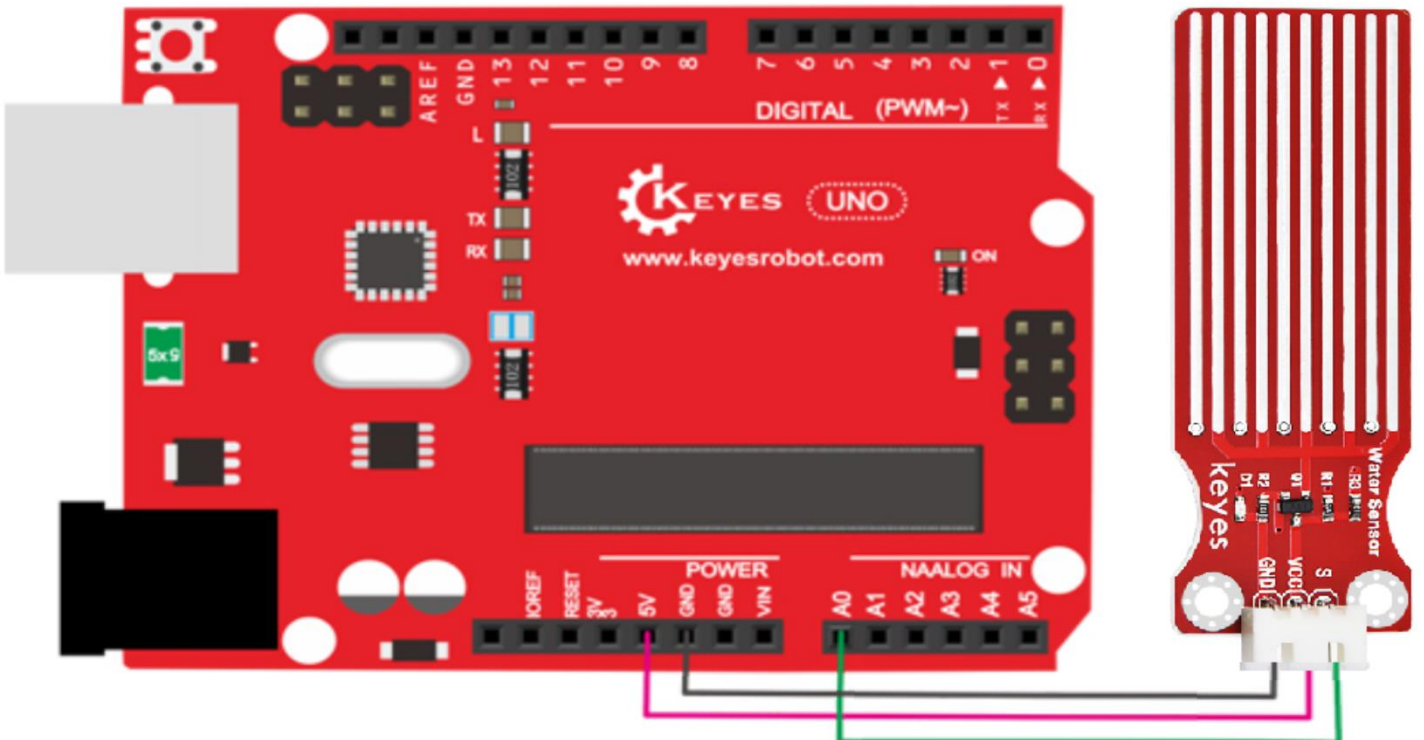
Working Voltage: 3 ~ 5VDC

Colour: Red

Size: 34x22x12mm.



### PINOUT Instruction:



### Sample Code:

```
int analogPin = 0; //connect water sensor to analog interface 0
int led = 13; //LED to digital interface 13
int val = 0; //define the initial value of variable 'val' as 0
int data = 0; //define the initial value of variable 'data' as 0
void setup()
{
  pinMode(led, OUTPUT); //define led as output pin
  Serial.begin(9600); //set baud rate at 9600
}
void loop()
{
  val = analogRead(analogPin); //read and assign analog value to variable 'val'
  if(val>700){ //decide whether variable 'val' is over 700 digitalWrite(led,HIGH); //turn on LED when variable 'val' is over 700
}
else{
  digitalWrite(led,LOW); //turn off LED when variable 'val' is under 700
}
  data = val; //variable 'val' assigns value to variable 'data'
  Serial.println(data); //print variable 'data' by Serial.print
  delay(100);
}
```

### Result:

After the above steps are done, let's do a test on lower water level and check what happens:  
The LED can't light up when water level haven't reach alarm value;  
The LED is turned on and an alarm is released when water level reaches alarm value.

