

## Keyes Water Level Sensor for Arduino

Module: KE0037

### Product description:

The sensor is designed for Arduino whose connection port is compatible with Arduino sensor expansion board. It is an easy to use, cost effective water level detection sensor. The sensor comes with two positioning holes that allow you to secure it to other devices.

### Specifications:

Operating voltage: 3.3 V-5 V (DC)  
Current: <20mA  
Working Humidity: 10% ~ 90% not connectors  
Interface: 3PIN interface  
Output signal: analog signal  
Weight: 4g



### 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);
}
```