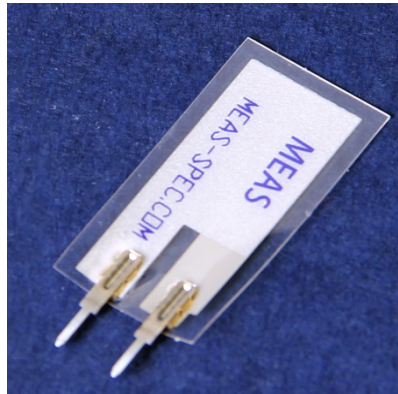


ARDUINO SENSOR PIEZO VIBRATION LARGE

MODEL:LDT0-028K

USER MANUAL



Introduction:

Using a piezo sensor to detect impact of falling water on a surface.

Connect the piezo in parallel with a 1M ohm resistor. That's all!

This is what to expect: On setting threshold of 60, we detect impact of a stream of water falling on a box. Upon breaking the fall of the water by putting your hand midway, the sensor would switch off.



Arduino Code :

```
int sensorPin = A0;
int ledPin = 13;
int sensorValue = 0;
void setup() {
  pinMode(ledPin, OUTPUT);
}
void loop() {
  sensorValue = analogRead(sensorPin);
  if (sensorValue > 70){
    digitalWrite(ledPin, HIGH);
  }
  else{
    digitalWrite(ledPin, LOW);
  }
}
```

