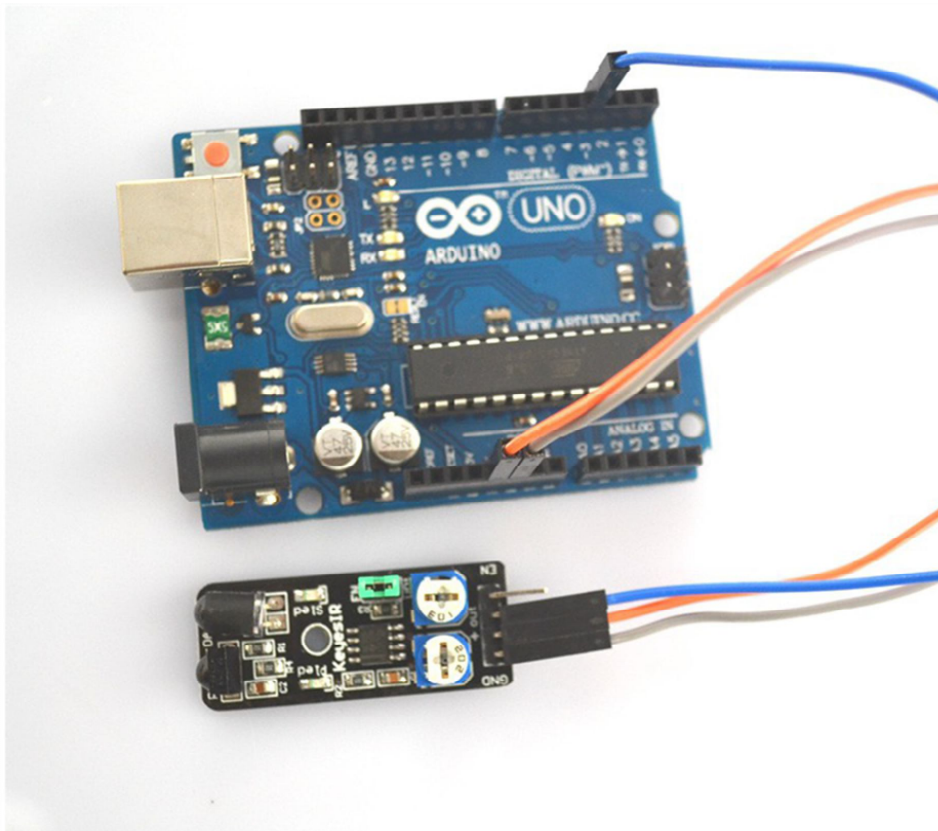


PHOTOELECTRIC REFLECTIVE SENSOR / DETECTOR

Model: KY032 / 170205

Specifications:

- Working Voltage: 3.3V ~ 5VDC
- Working Current: 20mA
- Working Temperature: -10°C ~ +50°C
- Detection Distance: 20 ~ 400mm
- IO Interface: 4 wire (- / + / S / EN)
- Output Signal: TTL level (low with obstruction, high no obstruction)
- Adjustment Method: Loop resistance gain setting
- View Angle: 35°
- Dimension: 28 x 23mm



EXAMPLE SKETCH :

```

int Led=13;           //Define LED pin
int buttonpin=3;     //Define the obstacle avoidance sensor interface
int val;             //Define the numeric variable val

void setup()        {
  pinMode(Led,OUTPUT); // define the LED for the output interface
  pinMode(buttonpin,INPUT); //define the obstacle avoidance sensor as the output interface
}

void loop()        {
  val=digitalRead(buttonpin); //Assign the value read of digital interface 3 to val
  if(val==HIGH)    //LED flashes when the obstacle avoidance sensor detects an object
  {
    digitalWrite(Led,HIGH);
  }
  else
  {
    digitalWrite(Led,LOW);
  }
}

```