ARD 2 **Arduino Compatibles**
Controllers, Shields, Modules & Sensors

Rotary Potentiometer Module

ARD2-3050

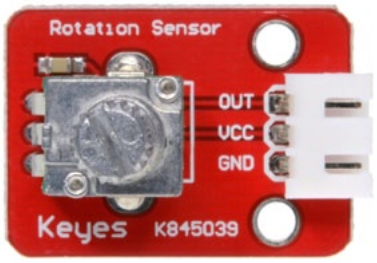
- ***Add a rotary control function to your projects***
- ***300 degree angular range***
- ***Write code to respond to the 10KΩ pot***
- ***Perfect for controlling LED brightness or servos***

Description

This Rotary Potentiometer Module produces analog output between 0 and Vcc (5V DC with Arduino) on its D1 connector. The D2 connector is not used. The angular range is 300 degrees with a linear change in value. The resistance value is 10kΩ, perfect for Arduino use.

Specifications

Colour (Board)	Red
Material	PCB
Dimensions	25mm x 25mm x 18.8mm (LxWxD)



Pinout

Module	***Arduino***	***Function***
VCC	5V	Power Supply
GND	GND	Ground Connection
OUT	A0	Analog Output

Test Code

```
int adcPin = A0; // input pin for the potentiometer
int ledPin = 5;  // select the pin for the LED
int adcIn  = 0;  // variable to store value coming from sensor

void setup() {
  Serial.begin(9600);         // init serial to 9600b/s
  pinMode(ledPin, OUTPUT);    // set ledPin to OUTPUT
  Serial.println("Rotary Potentiometer Test Code!!");
}

void loop() {
  // read the value from the sensor:
  adcIn = analogRead(adcPin);
  if(adcIn >= 500)  digitalWrite(ledPin,HIGH);
  else digitalWrite(ledPin, LOW);
  Serial.println(adcIn);
  delay(100);
}
```

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