

Circuit #9: Flex Sensor

Code:

```
#include <Servo.h> //include the servo library
Servo myservo;

int potpin = 0; //sets pin 0 to read the flex sensor
int val;

void setup() {
  Serial.begin(9600);
  myservo.attach(9);
}

void loop() {
  val = analogRead(potpin); //get a reading from the flex
  sensor
  Serial.println(val);
  val = map(val, 50, 300, 0, 179);
  myservo.write(val);
  delay(15);
}
```