CODE:

const int pResistor = A0;

const int ledPin=9;

int value;

void setup(){

pinMode(ledPin, OUTPUT);

pinMode(pResistor, INPUT);

}

void loop(){

value = analogRead(pResistor);

if (value > 25){

digitalWrite(ledPin, HIGH);

delay(10);

digitalWrite(ledPin, LOW);

}

else{

digitalWrite(ledPin, HIGH);

delay(20);

digitalWrite(ledPin, LOW);

}

delay(500); //Small delay

}