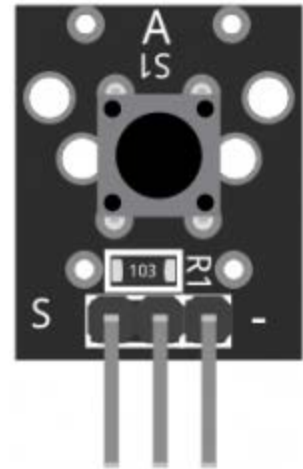


Key Switch Module

The key switch module is a push button that will output a high signal when pressed.

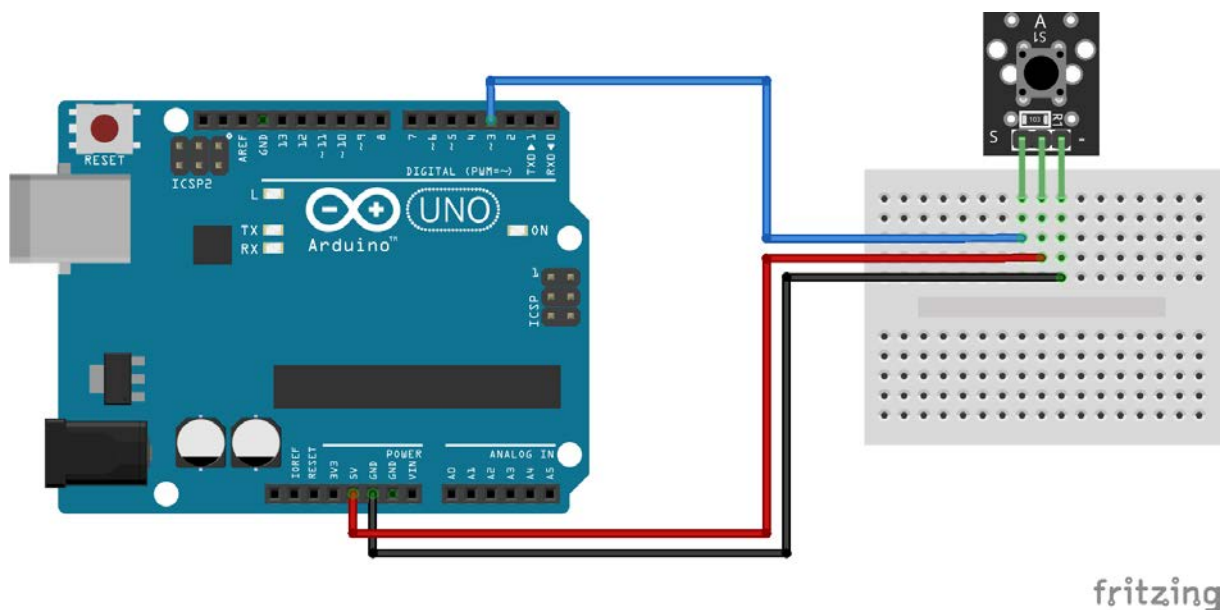
The module consists of a tactile push button switch and a pull-up resistor. It's compatible with popular electronics platforms like Arduino, Raspberry Pi and Esp8266.



Rating	50mA 12VC
Environment temperature	-25°C to 105°C [-13°F to 221°F]
Electrically Life	100,000 cycles
Operating Force	180/230(±20gf)
Dimensions	18.5mm x 15mm [0.728in x 0.591in]

Pinout and Connection to Arduino

Connect the power line (middle) and ground to +5V and GND respectively. Connect signal (S) to pin 3 on the arduino.



Arduino Example Sketch

The following sketch will turn on Arduino's pin 13 LED when the button is pressed.

```
int led = 13; //Define the LED pin
int buttonpin = 3; //Define the push button pin
int val; //Define a numeric variable

void setup()
{
    pinMode(led,OUTPUT);
    pinMode(buttonpin,INPUT);
}

void loop()
{
    val = digitalRead(buttonpin); // check the state of the button
    if(val==HIGH) // if button is pressed, turn LED on
    {
        digitalWrite(led,HIGH);
    }
    else
    {
        digitalWrite(led,LOW);
    }
}
```