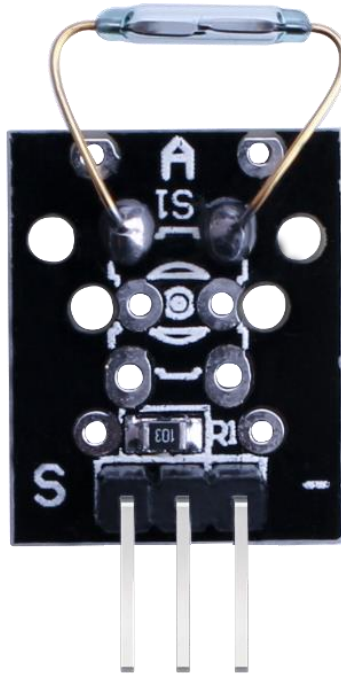


Mini Reed Switch Module

DESCRIPTION:

This module is a simple reed switch module, it's similar with the Reed switch module, but it has no analog pin, no adjustable resistor, just soldering one 10K ohm resistor.



Specification:

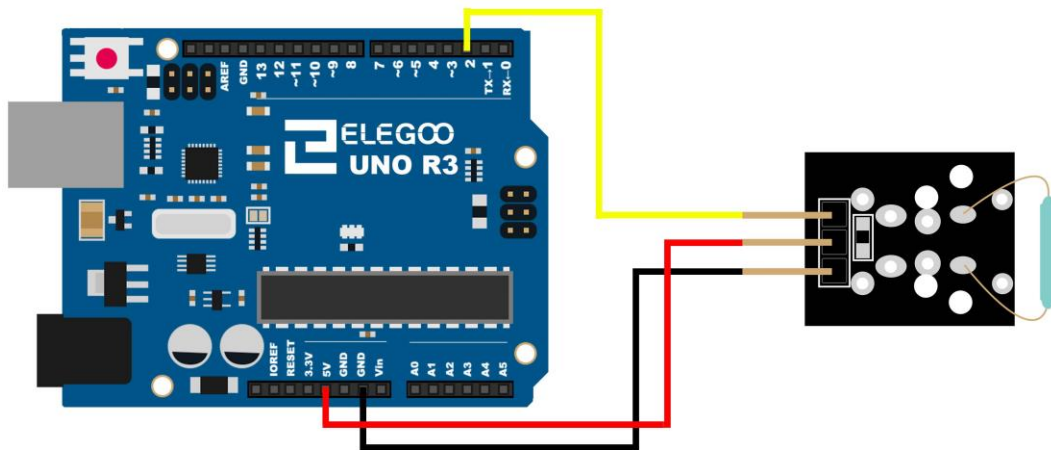
- Operation voltage: 5V
- 3Pin
- Size: 25*15.5mm
- Weight: 1.259g

PIN CONFIGURATION:

- 1、“S”: Digital output pin, output Low or High signal when there current or magnetic exists
- 2、“+” : +5V
- 3、“-” : GND

Example:

The example show that Reed module and the interface comes with digital 13 LED build a simple circuit to produce a Reed warning lamp 13 comes with digital interfaces of the LED, the Reed sensor access number 2 interface, when Reed sensors Sensed a key signal, LED lights, otherwise off.



Code:

```
int Led = 13 ; // define LED Interface
int Sensor = 2; // define the Reed sensor interfaces
int val ; // define numeric variables val

void setup ()
{
  pinMode (Led, OUTPUT) ; // define LED as output interface
  pinMode (Sensor, INPUT) ; // output interface as defined Reed sensor
}

void loop ()
{
  val = digitalRead (Sensor) ; // digital interface will be assigned a value of 2 to read val
  if (val == HIGH) // When the Reed sensor detects a signal, LED flashes
```

```
{  
digitalWrite (Led, HIGH);  
}  
else  
{  
digitalWrite (Led, LOW);  
}  
}
```