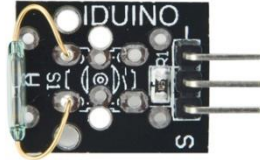


Mini Reed Switch Module(SE013)



1 Introduction

This module is a simple reed switch module, it's similar with the module17(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*15mm
- Weight: 2g

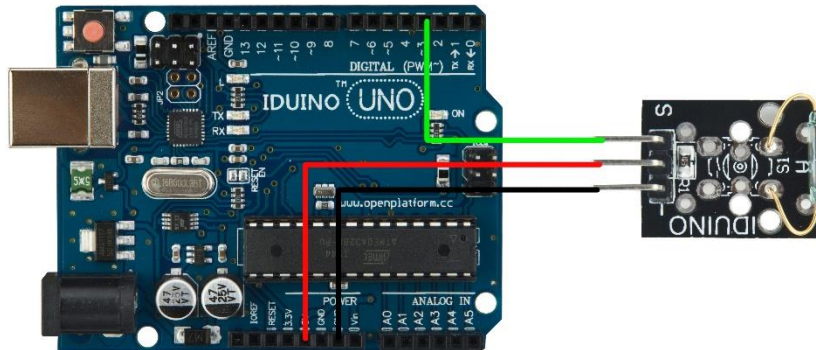
2 Pinout

Pin	Description
D0	Digital output pin, output Low or High signal when there current or magnetic exists
+(middle pin)	Power
-	Ground

3.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 3 interface, when Reed sensors Sensed a key signal, LED lights, otherwise off.

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*****Code Begin*****

```
int Led = 13 ; // define LED Interface
int buttonpin = 3; // define the Reed sensor interfaces
int val ; // define numeric variables val
void setup ()
{
  pinMode (Led, OUTPUT) ; // define LED as output interface
  pinMode (buttonpin, INPUT) ; // output interface as defined Reed sensor
}
void loop ()
SunFounder{
  val = digitalRead (buttonpin) ; // digital interface will be assigned
a value of 3 to read val
  if (val == HIGH) // When the Reed sensor detects a signal, LED flashes
  {
    digitalWrite (Led, HIGH);
  }
  else
  {
    digitalWrite (Led, LOW);
  }
}
}
```

*****Code End*****