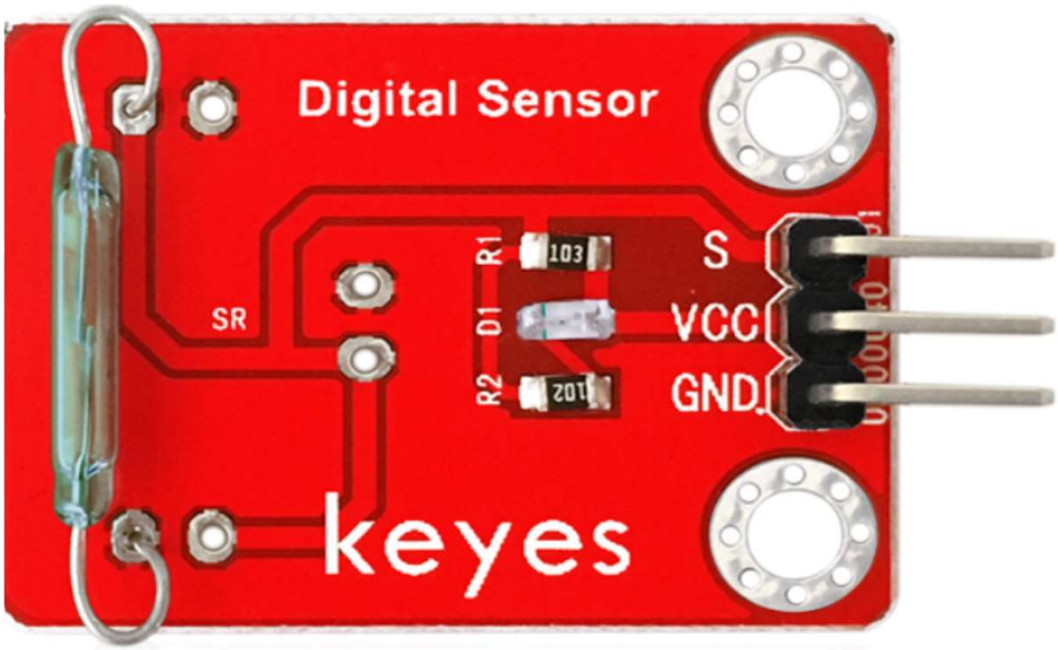
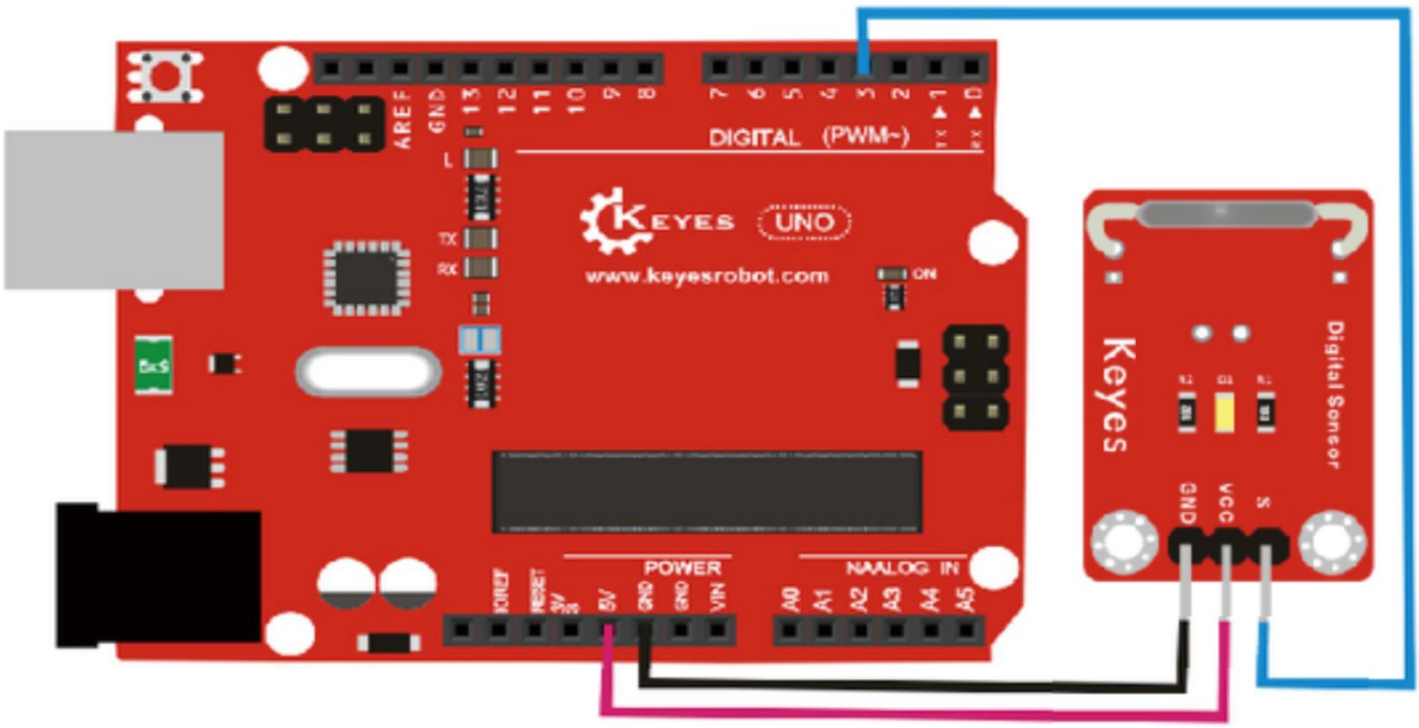
KE0028 KEYES reed switch sensor module

Parameters:

Working Voltage: 3.3 ~ 5VDC
Colour: Red
Size: 35x22x7mm.



PINOUT Instruction:



Sample Code:

```
int Led=13;//define LED interface
int buttonpin=3; //define magnetic ring sensor interface
int val;//define digital variable val
void setup()
{
pinMode(Led,OUTPUT);//define LED as output interface
pinMode(buttonpin,INPUT);//define magnetic ring sensor as output interface
 }
void loop()
{

val=digitalRead(buttonpin);// read and assign the value of digital interface 3 to val

if(val==HIGH)//When a signal is detected by magnetic ring sensor, LED will flash
{
digitalWrite(Led,HIGH);
}
else
{
digitalWrite(Led,LOW);
}
}
```

Result:

Done wiring and powered up, upload well the code to the board. You can see the D13 led on UNO board is on. Then we put some magnetic balls close to the sensor. When the sensor detects the magnetic field signal, the led on the sensor will be turned on but D13 led will be turned off.