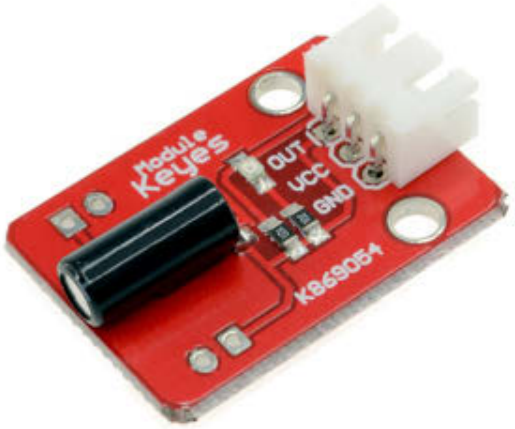
ARD 2 Arduino Compatibles

Controllers, Shields, Modules & Sensors

Tilt Sensor

ARD2-3010

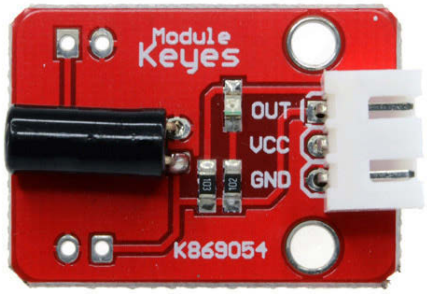
- **Detects location change and tilt testing**
- **Mounting holes for easy installation**
- **Compatible with sensor extension board**



Description

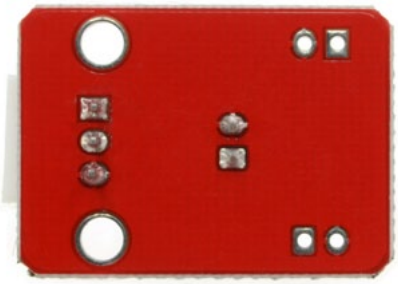
This module can be used to detect location change and tilt testing. Change the ball switch position and the tilt module level signal will change accordingly. Circuit board outputs switch value can directly connect to the SCM IO port.

It can be used for applications such as car body balance testing, teaching experiment demonstration and product development.



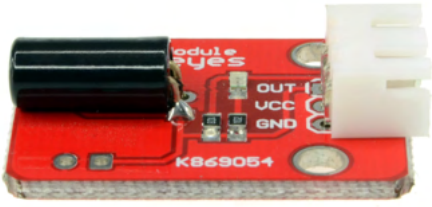
Specifications

Input Voltage	3.0–5.0V
Weight	7g



Pinout

Module	Arduino	Function
OUT	D3	Sensor Output
VCC	5V	Power Supply
GND	GND	Ground Connection



Test Code

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