Arduino KY-017 mercury tilt switch module, it uses a small mercury ball that completes the circuit when you tilt the module.
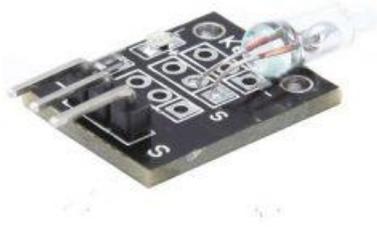
Specifications

This module consists of a mercury switch, a 680Ω resistor and a LED that will light up when tilt is detected. The mercury ball will open/close the circuit when the module is rotated.

Operating Voltage	3.3V to 5.5V

KY-017 Connection Diagram

Connect the Power line (middle) and ground (-) to +5 and GND respectively. Connect signal (S) to pin 3 on the Arduino.

KY-017	Arduino
S	Pin 3
middle	+5V
-	GND