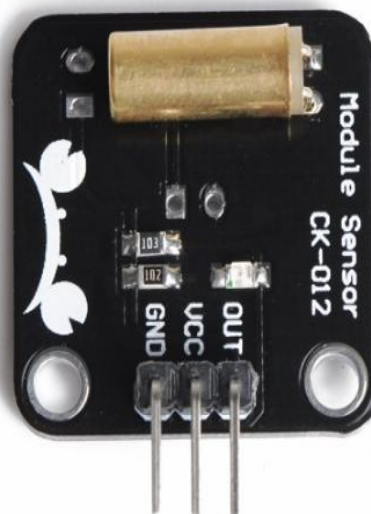


CK012 Shock / Angle / Tilt Sensor Module



This tilt sensor module is used for inclination indication, dumping and shock. It is based on ball level sensor. A tilt sensor module is an instrument that is used for measuring the tilt in multiple axes of a reference plane. It measure the tilting position with reference to gravity, and are used innumerous applications. For example, the sensor provides valuable information about both the vertical and horizontal inclination of an airplane, which helps the pilot to understand how to tackle obstacles during the flight.

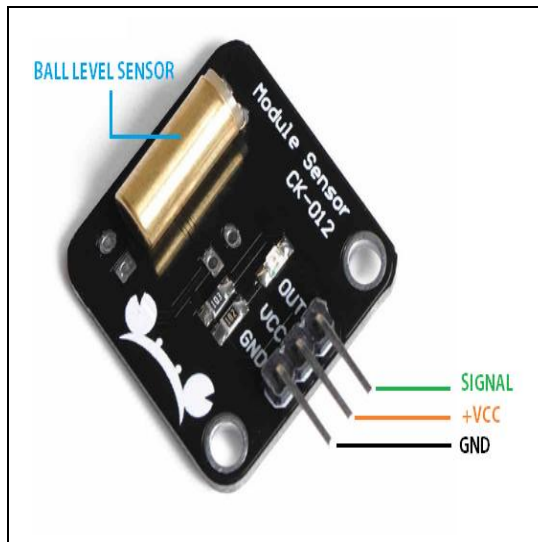
Applications:

- To monitor the angle at which a mobile phone or tablet is held for the auto-rotate function
- To detect the position of hand-held game systems and in game controllers
- To indicate roll of boats, vehicles and aircraft
- To measure the angle at which a satellite antenna 'looks' toward a satellite
- To estimate the height of a tree or building using
- To measure the steepness of a ski slope
- As a warning system for the tilt angle of the surface cryogenic liquids during transportation
- To monitor laser levels and seismic activity

Technical Specifications:

- Voltage supply: 3-5V
- Output: Digital
- Dimensions: 24mm x 24 mm
- Operating voltage: 3.3 to 5VDC
- Ball Rolling type of tilt sensor.
- Output: digital level
- Interface: 3P interface SVG
- Uses: can be used to tilt, dumping and shaking detection

Pin-outs:



Dimension:

