



Wireless tilt angle sensor

Orientation sensor and data logger

Measures the angular position of parts and mechanisms relative to the gravity vector and transmit this data over a 2.4 GHz radio channel Bluetooth Low Energy (BLE). The sensor is self-powered from a built-in battery

KEY FEATURES

- ✓ It measures 3 angles of axis X, Y, Z.
- ✓ Each axis could be assigned with the limit value, according to real event. Event appears when condition <or > is met.
- ✓ Sensor recognize the chain of events, separated by predefined intervals of time.
- ✓ Temperature measurement (modification with index T).
- ✓ Type of the event, its time and date are stored in non-volatile memory (modifications with index M).
- ✓ Sends to GPS tracker X,Y,Z angles, number of events and number of chains completed over BLE protocol.
- ✓ Customized sleep mode.
- ✓ Sensor with internal memory could work as stand-alone device without GPS tracker.

SPECIFICATION

Error of tilt angle measurement $\pm 1^\circ$

Temperature range -40 - +85

Distance of wireless connection 10 m

Protection class IP 67