

Eowave Sensor Datasheet: Movement Sensors



FEATURES

Tilt
On/Off controller

APPLICATIONS

Industry
Servomotors
Amusement equipment
Music Live control
Dance

Eowave Movement Sensor

Eowave movement sensors are on/off non-mercury tilt switches responding to a vertical to horizontal movement. These sensors are very useful in any automotive electronic devices, medical systems and industrial PCs. In live arts, these cost effective sensors are very appreciated for their simplicity of use to trigger events with a single gesture.

➤ For continuous movement controllers, see 2D GForce & 3D GForce accelerometers

Technical specifications

Passive sensor

Non mercury Tilt Switch

Max. Contact Resistance: 30Ω

Size Range: 18mm, 46mm, 60cm ribbon

Max. Differential Angle: 15°

Opening Max. Angle: 10°

Closing Max. Angle: 10°

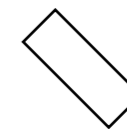
Temperature Range: -40°C to +150°C

vertical



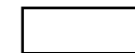
on

45° tilted



best sensitivity

horizontal



off

EOBODY COMPATIBILITY

Compatible Eobody1 & 2: Wiring: 1 x 6.35 mm TRS jack, 2 m-long cable

Compatible Eobody2 Wireless System-: Wiring: 3 pins

Output format (7 bit): on = 0 /off = 127 ; Output format (12 bit): on = 0 /off = 4095

Size: 14mm ; Ø 5mm ; Weight: 10 g

Power: Built-in phantom 5V DC



Basic Settings

step 1 Connecting a movement sensor to your Eobody2

Plug your sensor and Eobody2 USB8 SensorBox as shown in First Steps Tutorial T 0.1.

step 2 What do I need to remember about this sensor?

Movement sensors are on/off sensors.

Like for all on/off sensors, setting a high noisegate value in the editor will avoid sending useless datae.