



# Grove - Hall Sensor

SKU 101020046

## Description

The Hall Sensor measures the Hall Effect, which is a production of a voltage difference across an electrical conductor, transverse to an electric current in the conductor as well as a magnetic field perpendicular to the current. The output of the continuous-time switch Hall sensor on this Twig switches low and turns on when a magnetic field (south polarity) perpendicular to the Hall sensor exceeds the BOP threshold, and it switches high and turn on when the magnetic field disappears.

## Features

- Grove compatible interface
- 400ns transition period for rise and fall.
- Continuous-time hall effect sensor

## Application Ideas

- RPM meter.
- Simple dc motor.

## Mechanic Dimensions

- 20mm by 24mm

For all Grove users (especially beginners), we provide you guidance PDF documents. Please download and read through Preface - Getting Started and Introduction to Grove before your using of the product.

## Technical Details

Dimensions	130mm x 90mm x 9.50mm
Weight	G.W 9g
Battery	Exclude

## Part List

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## ECCN/HTS

ECCN	EAR99
HSCODE	9031900090

## Certification

RoHS	Compliant
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