PRODUCT NAME : Hall Effect Sensor With Breakout for Arduino/Raspberry-Pi/Robotics

PRICE : Rs 99.00
SKU : RM1186

DESCRIPTION

The Hall Effect sensor is a transducer that varies its output voltage in response of a magnetic field. Hall Effect sensors are used for proximity switching, positioning, speed detection, and current sensing applications. In its simplest form, the sensor operates as an analog transducer, directly returning a voltage.

Features of Hall Effect Sensor With Breakout:

- Such a switch costs less than a mechanical switch and is much more reliable.
- It can be operated up to 100 kHz.
- It does not suffer from contact bounce because a solid state switch with hysteresis is used rather than a mechanical contact.
- It will not be affected by environmental contaminants since the sensor is in a sealed package. Therefore it can be used under severe conditions.
- In the case of linear sensor (for the magnetic field strength measurements), a Hall effect sensor.
- Can measure a wide range of magnetic fields.
- Is available that can measure either North or South pole magnetic fields.
- Can be flat

Applications of Hall Effect Sensor With Breakout:

- It is used in Position sensing.
- It is used in DC current transformers.
- It used in Automotive fuel level indicator.

Note: Images shown is only for representation. The actual product may vary with the picture shown.

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