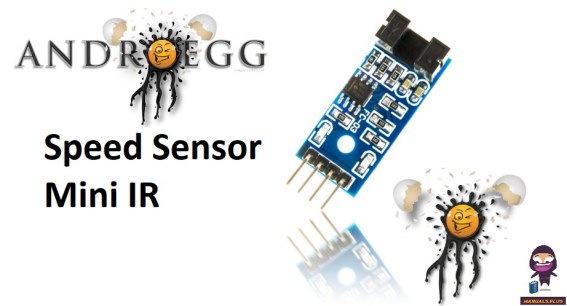




Androegg Speed Sensor Mini IR User Manual

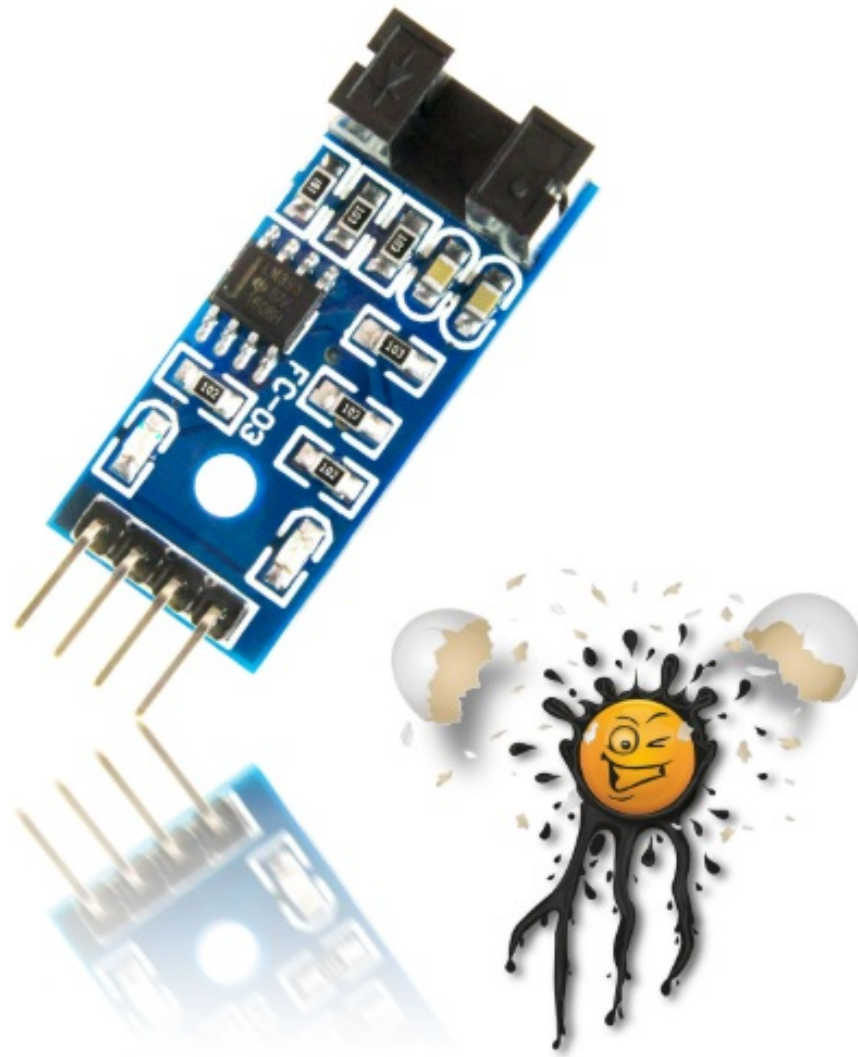
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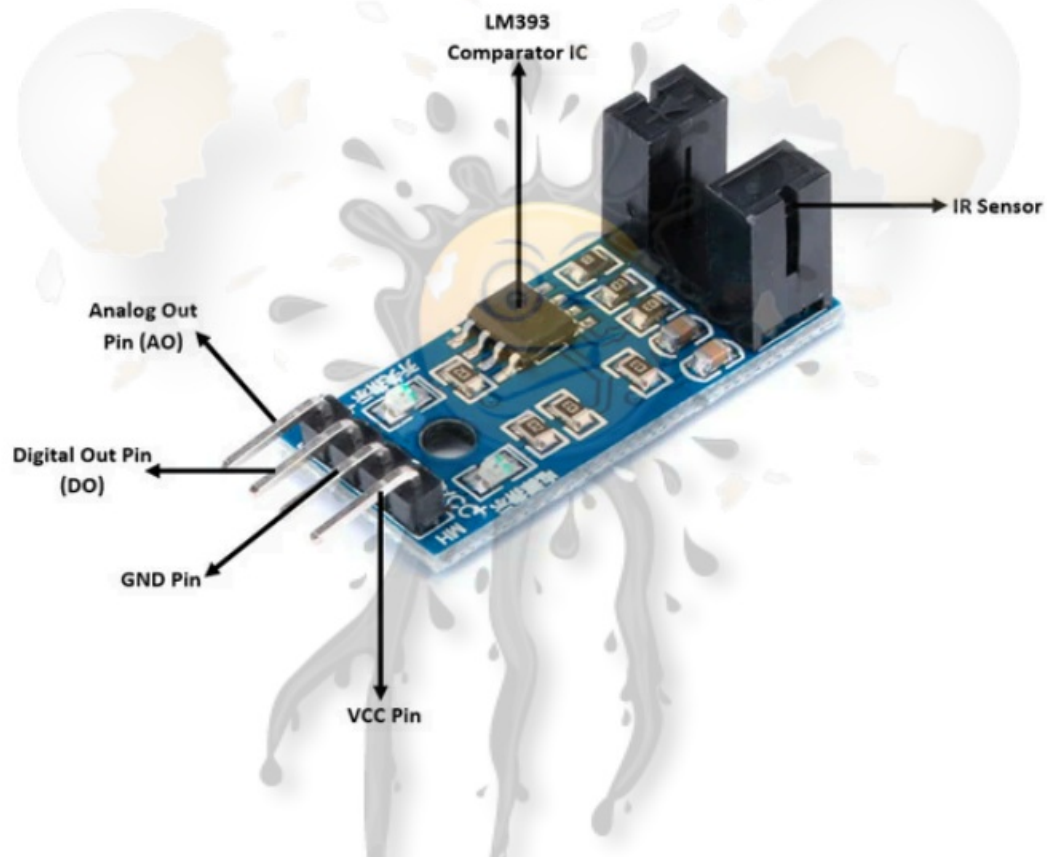
Androegg Speed Sensor Mini IR



Specifications

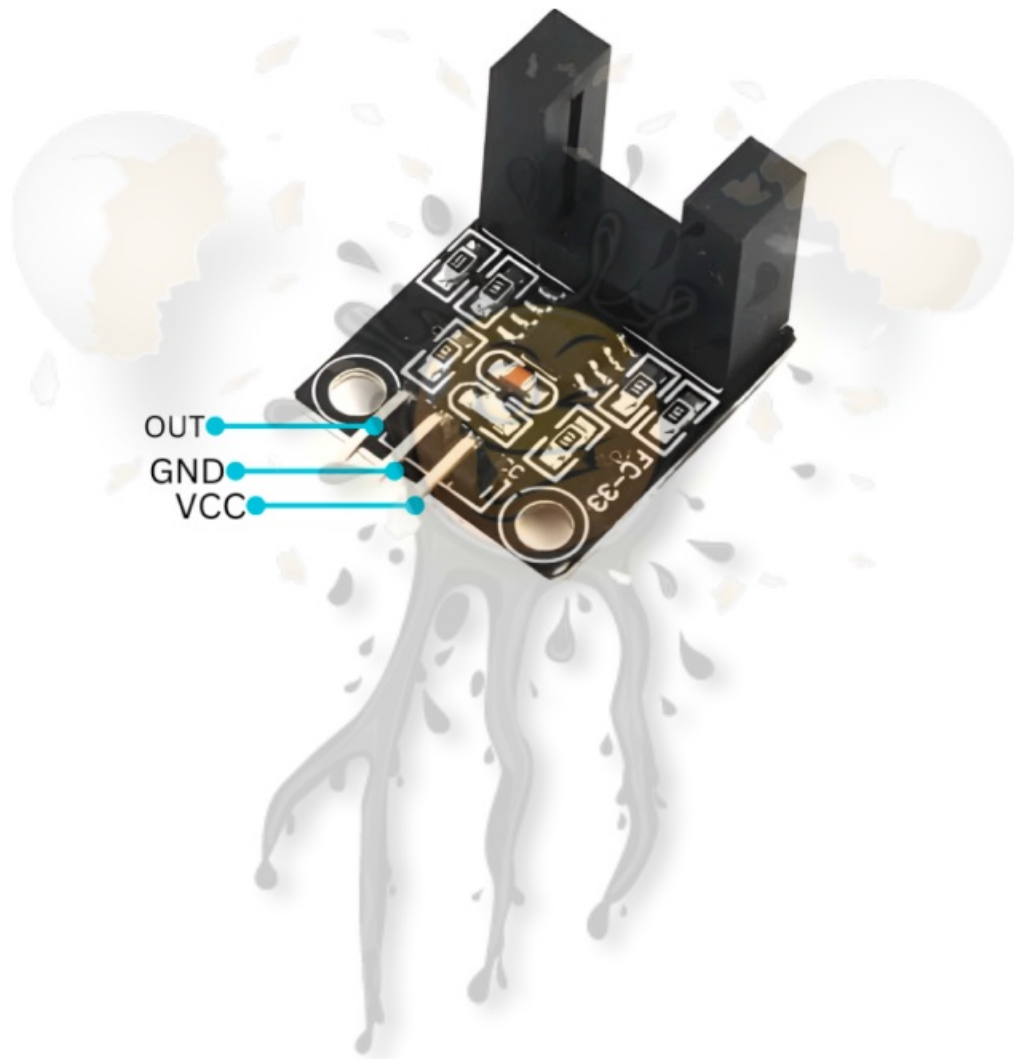
- Product: Speed Sensor
- Output: Digital (GPIO HIGH / LOW Level), Analog (ADC)
- Manufacturer: Beauty-Point Deutschland GmbH
- Address: Raiffeisenstr. 2-4, 83607 Holzkirchen
- Contact: info@androegg.de
- Website: www.androegg.de

The Arduino Speed Sensor Module is optimized as Impuls Counter, also as Speed Sensor. The Speed Sensor supports a working voltage from 3.3V up to 5.5V. Therefore the Speed Sensor is perfect in Combination with 3.3V based MCU's for example.



- STM32
- ESP8266
- ESP32
- ESP8285
- 5V based MCU's
- Arduino

The Speed Sensor supports digital output (GPIO HIGH / LOW Level) analog Output for ADC (Analog Digital Converter)



Connecting the Speed Sensor

Ensure the power source is disconnected before connecting the speed sensor. Connect the digital output to the GPIO pins for HIGH/LOW level or connect the analog output to the Analog Digital Converter (ADC).

Powering Up the Speed Sensor

After connecting the sensor, provide the required power supply within the specified voltage range mentioned in the user manual.

Reading Data from the Sensor

To read data from the sensor, refer to the communication protocol provided in the user manual. Retrieve digital or analog data based on your application requirements.

Maintenance and Care

Regularly check for any dust or debris accumulation on the sensor. Keep the sensor clean and protected from environmental factors to ensure accurate readings.

FAQs

Q: Can I use this speed sensor with Raspberry Pi?

A: Yes, you can connect the digital output of the speed sensor to the GPIO pins of a Raspberry Pi for integration.

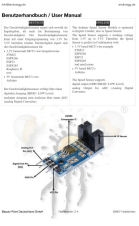
Q: What is the recommended power supply voltage for this sensor?

A: The recommended power supply voltage range for this sensor is mentioned in the user manual. Please refer to the specifications section for details.

Q: How often should I calibrate the speed sensor?

A: Calibration frequency may vary based on usage and environmental conditions. It is recommended to calibrate the sensor periodically as per the manufacturer's guidelines.

Documents / Resources

	Androegg Speed Sensor Mini IR [pdf] User Manual fdfa9315-3bd4-489e-9fe3-716d88cb9011, Speed Sensor Mini IR, Sensor Mini IR, Mini IR
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References

- [IoT powered by androegg.de – Module, Sensoren und Komponenten rund um ESP32 ESP8266 Arduino DIY Smart Home](#)
- [IoT powered by androegg.de – Module, Sensoren und Komponenten rund um ESP32 ESP8266 Arduino DIY Smart Home](#)
- [User Manual](#)

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