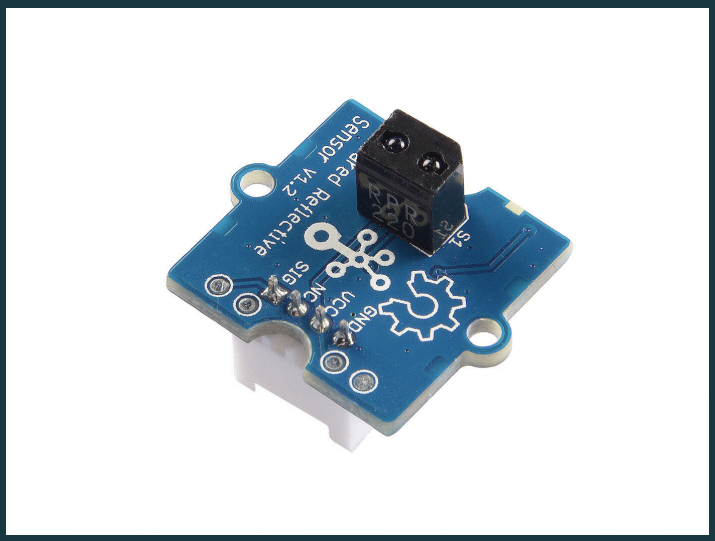
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INDUSTRIAL PRODUCT DATASHEET

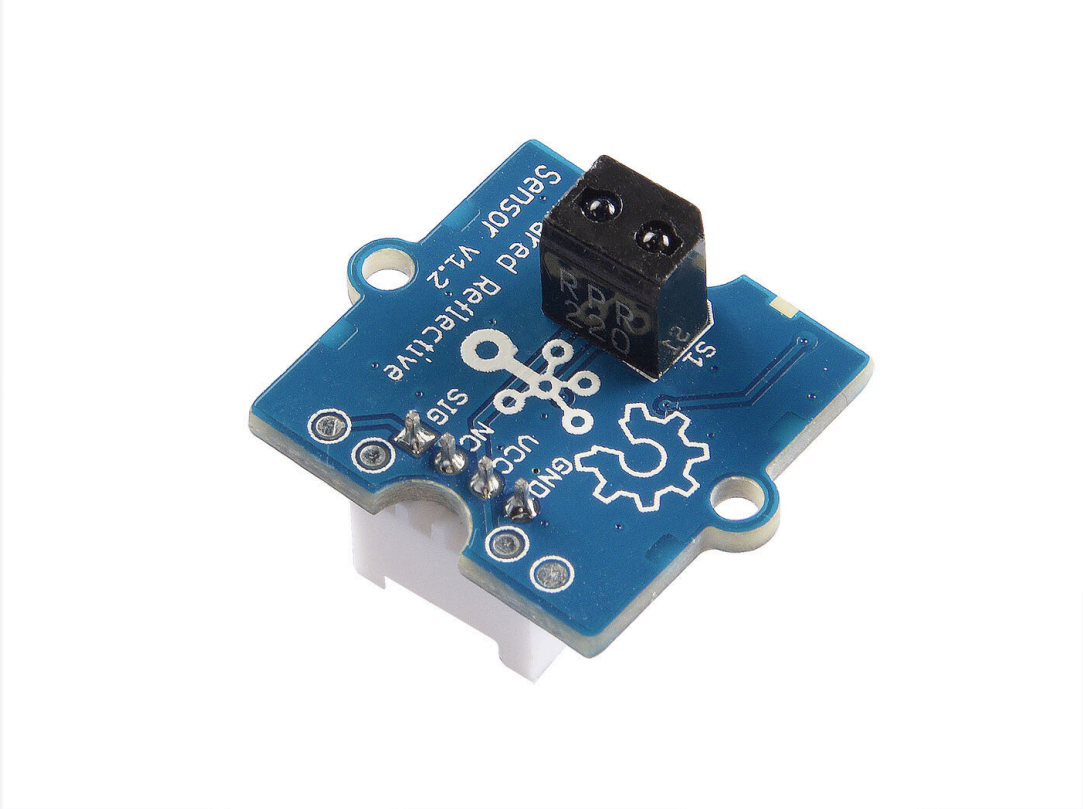
Grove - Infrared Reflective Sensor v1.2

Grove - Infrared Reflective Sensor v1.2 can be used for the detection of proximity and color of objects.

SKU	UPDATED	PRICE
101020174	2026-11-11 07:24:09	$5.40(Excl. VAT)



Overview



Grove - Infrared Reflective Sensor v1.2 can be used for the detection of proximity and color of objects. The reflective photosensor - RPR-220 used in this module consists of an infrared light emitting diode and a high –sensitivity phototransistor.

Key Features

01 **Highly sensitive and reliable**

With the help of the reflective photosensor - RPR-220, There is a built-in visible light filter minimizes the influence of stray light and a plastic lens is used for high sensitivity.

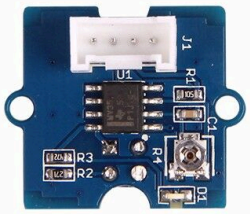
02 **Adjustable sensitivity for different occasions**

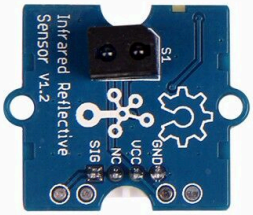
The sensitivity of the reflective light sensor can be changed by adjusting the potentiometer with a screwdriver.

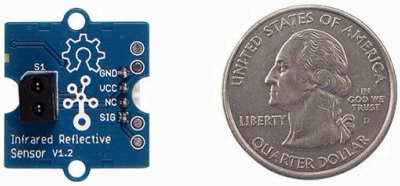
03 **Grove unified socket**

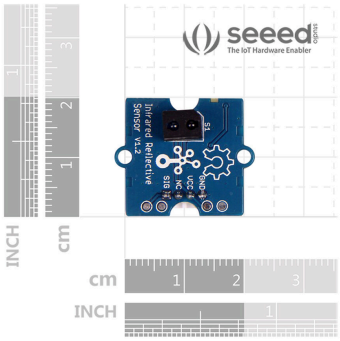
The sensor ensures "Plug and Play" and could be versatile for various applications.

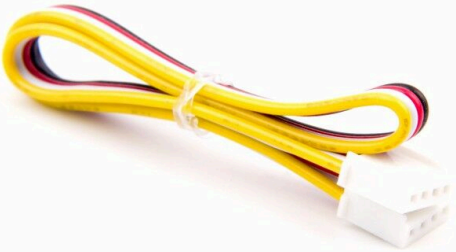
Product Gallery











Applications

- Compact disc players
- Copiers
- Game machines
- Office automation equipment
- Line following robots
- Optical encoders
- Object counting

Resource Links

- https://www.seeedstudio.com/Grove-Infrared-Reflective-Sensor-v1-2.html
- Grove-Infrared Reflective Sensor v1.2 Eagle Files
- Arduino Timer1 Library
- RPR220 Datasheet
- LMV358_datasheet

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