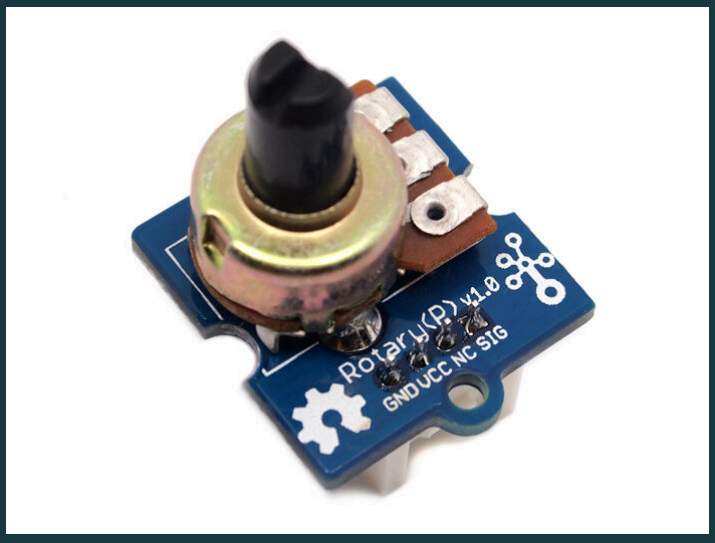
seeed studio

INDUSTRIAL PRODUCT DATASHEET

Grove - Rotary Angle Sensor (panel mount version), compatible with both Arduino and Raspberry Pi

Grove - Rotary Angle Sensor, whose Grove connector is moved to the back compared to its original version, this potentiometer twig produces analog output between 0 and Vcc (5V DC with Seeeduino) on its D1 connector.

SKU	UPDATED	PRICE
101020048	2026-11-11 07:40:33	$3.20(Excl. VAT)



Overview



Grove - Rotary Angle Sensor, whose Grove connector is moved to the back compared to its original version, this potentiometer twig produces analog output between 0 and Vcc (5V DC with Seeeduino) on its D1 connector. The D2 connector is not used. The angular range is 300 degrees with a linear change in value. The resistance value is 10k ohms, perfect for Arduino use. This may also be known as a rotary angle sensor(panel mount version).

Key Features

01 **High availability is suitable for project needs**

± 20% resistance tolerance, and 300 degrees Angular range with a linear change in value.

02 **Perfectly compatible with both Arduino and Raspberry Pi**

0-5V analog output and 10k ohms resistance.

03 **Grove unified socket**

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

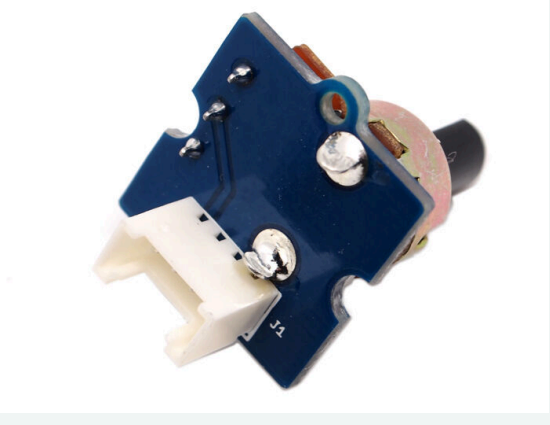
04 **"Panel mount version" of Grove**

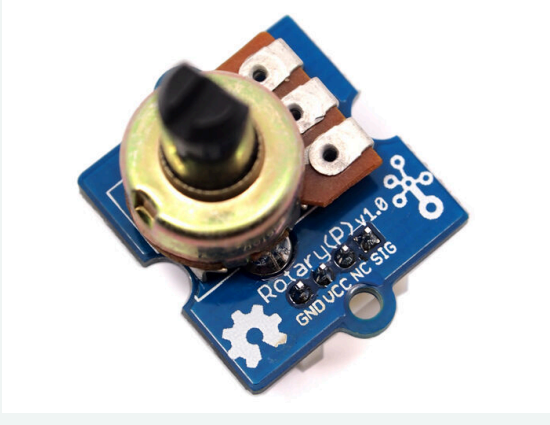
Grove connecter is moved to the back, which is designed to fit varied scenarios.

05 **Starter friendly**

Clear documentation and guide provided.

Product Gallery





Applications

- **Grove-based analog Input**
- **Arduino project**
- **Raspberry PI project**
- **Maker education**

Resource Links

- https://www.seeedstudio.com/Grove-Rotary-Angle-Sensor-P.html
- Grove-Rotary Angle Sensor v1.2 Schematic File
- Grove - Rotary Angle Sensor(P) v1.1 Schematic File
- Github repository for Rotary Angle Sensor
- Grove - Rotary Angle Sensor(P) CDC File

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