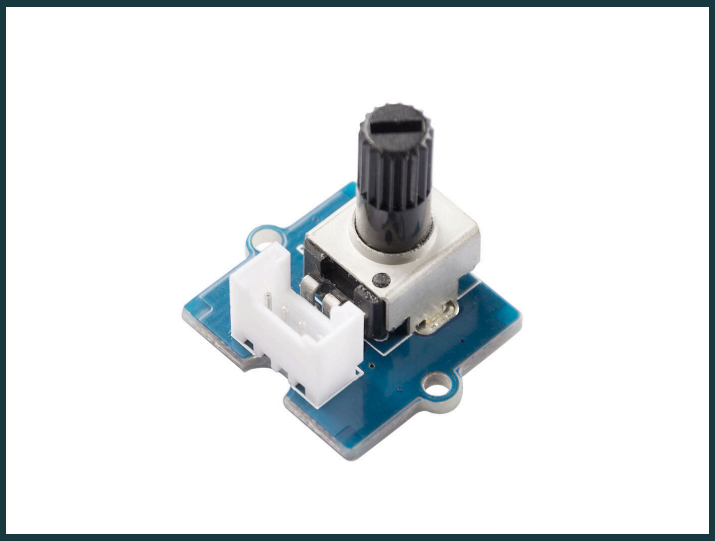
seeed studio

INDUSTRIAL PRODUCT DATASHEET

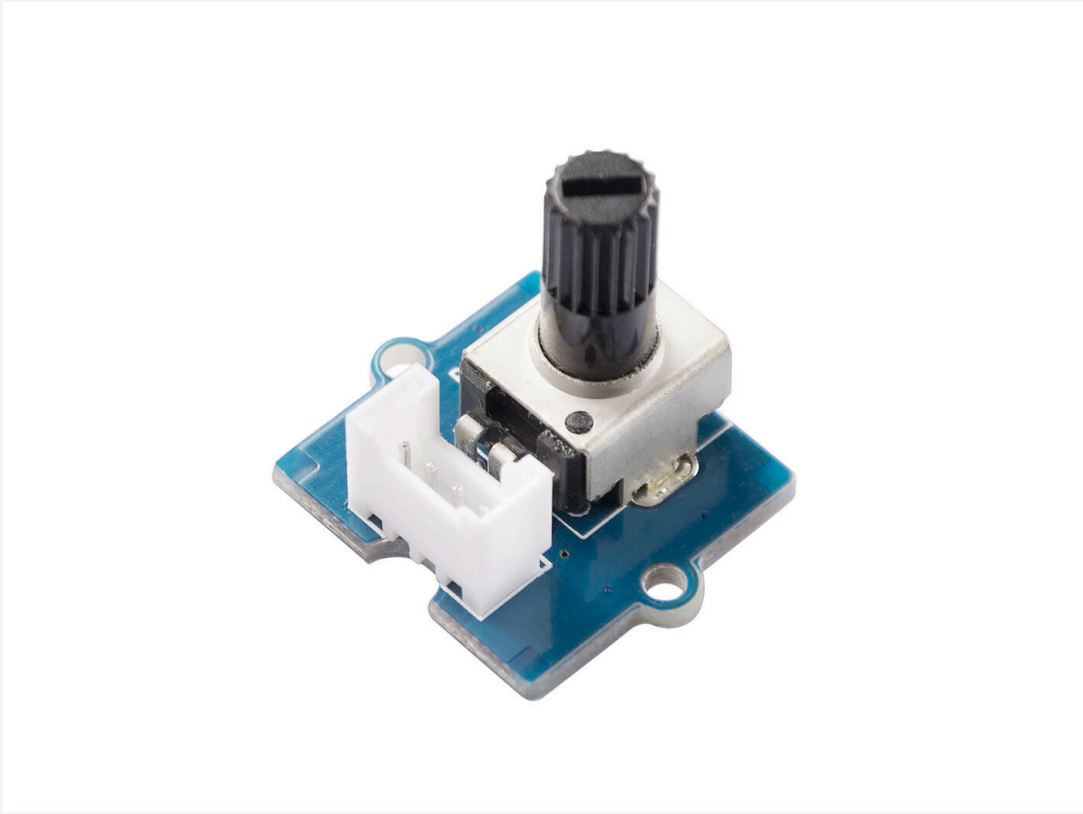
Grove - Rotary Angle Sensor

The Grove - Rotary Angle Sensor is a plug-and-use, Arduino- and Raspberry Pi-compatible sensor with 0-5V analog output, 10k ohms resistance, 300-degree angular range, ±20% resistance tolerance, and starter-friendly documentation f...

SKU	UPDATED	PRICE
101020017	2026-11-03 03:52:07	$3.20(Excl. VAT)



Overview



The Grove - Rotary Angle Sensor provides high availability for project needs with ±20% resistance tolerance and a 300-degree angular range with linear change in value. It is perfectly compatible with Arduino and Raspberry Pi via 0-5V analog output and 10k ohms resistance, offers a plug-and-use Grove connector design, and is starter friendly with clear documentation for applications including Grove-based analog input, Arduino projects, Raspberry Pi projects, and maker education.

Key Features

01 **High availability 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.

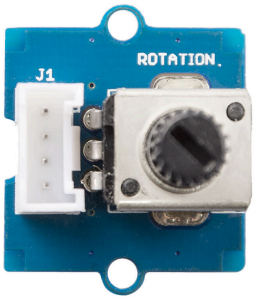
03 **Plug and use**

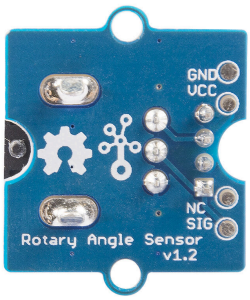
Grove connector design.

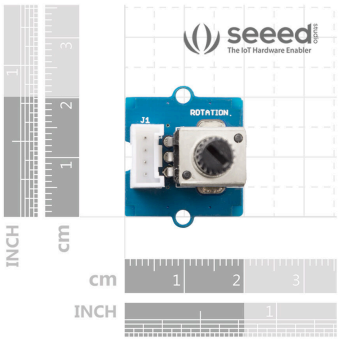
04 **Starter friendly**

Clear documentation and guide provided.

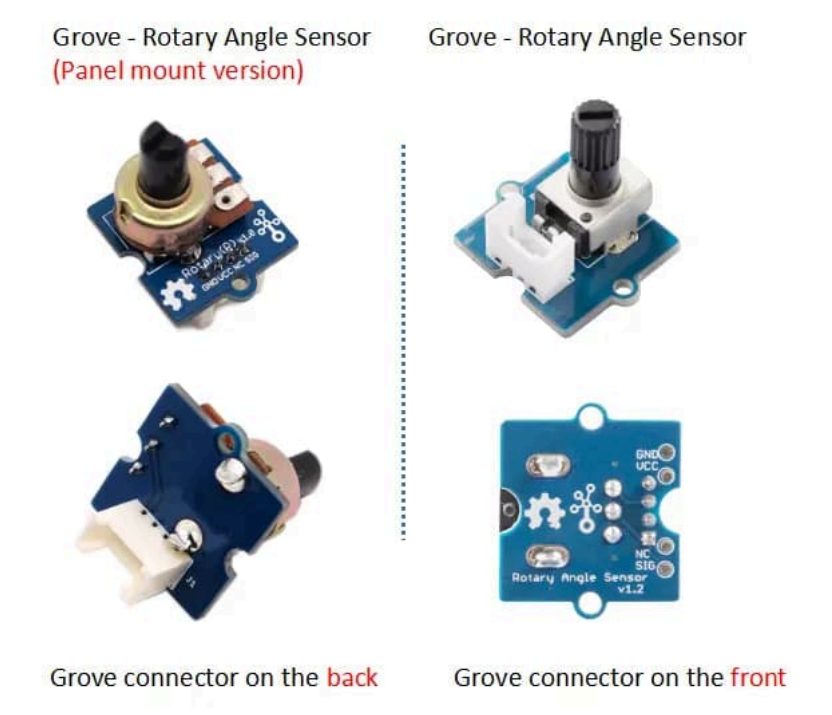
Product Gallery







Hardware Overview



Applications

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

Resource Links

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

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com