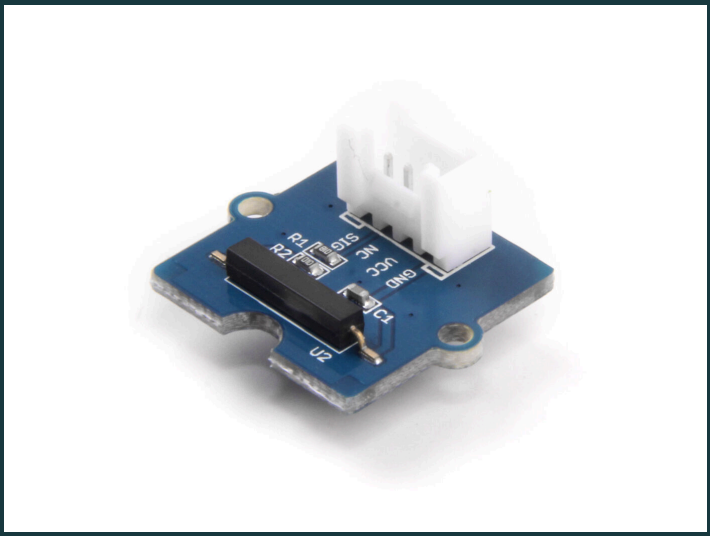
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INDUSTRIAL PRODUCT DATASHEET

Grove - Magnetic Switch

Grove - Magnetic Switch: a 2.0cm x 2.0cm rugged module with 10W rating for proximity sensor, security alarm, level, flow, and pulse counter uses.

SKU	UPDATED	PRICE
101020038	2026-04-24 02:25:16	$3.20(Excl. VAT)



Overview



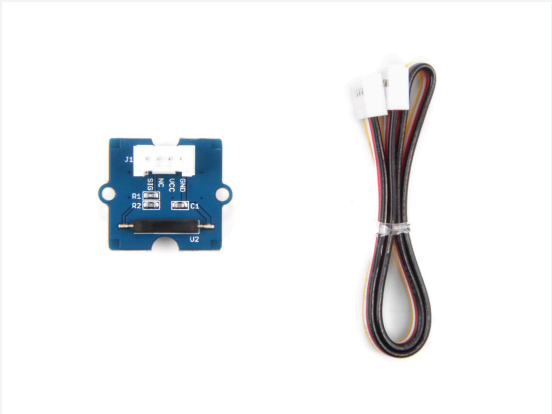
The Grove - Magnetic Switch is a compact 2.0cm x 2.0cm Grove module featuring a rugged encapsulation and a Grove compatible interface. With minimal external parts and a 10W rating, it is suitable for proximity, security alarm, level, flow, and pulse counter applications.

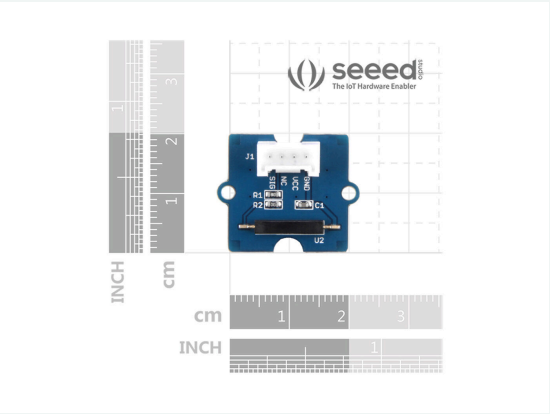
Key Features

- **Grove compatible interface**
- **2.0cm x 2.0cm Grove module**
- **Minimum external parts**
- **10W rating**
- **Rugged encapsulation**

Product Gallery







Specification

Dimensions	90mm x50mm x12mm
Weight	G.W 8g
Battery	Exclude
Working Voltage	5V
Switched Power	10W
Switched Voltage AC,RMS value(max)	< 140V
Switched Current DC	< 500mA
Carry Current DC	< 0.5A
Contact Resistance	<200mΩ
Insulation Resistance	>10^6MΩ
Operating Temperature	-40-125℃
Operate Range	10-40AT

Applications

- **Proximity Sensor**
- **Security Alarm Sensor**
- **Level Sensor**
- **Flow Sensor**
- **Pulse Counter**

Part List

Grove - Magnetic Switch	1
Grove - Cable	1

Compliance & Logistics

HSCODE	8538900000
USHSCODE	8538901000
UPC	841454108009
EUHSCODE	8543709099
COO	CHINA

Resource Links

- https://www.seeedstudio.com/Grove-Magnetic-Switch.html
- Grove-Magnetic Switch v0.9 Schematic
- Grove-Magnetic Switch v1.3 Schematic
- Grove-Magnetic Switch v1.3 PDF File
- CT10 Datasheet
- CDC File

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