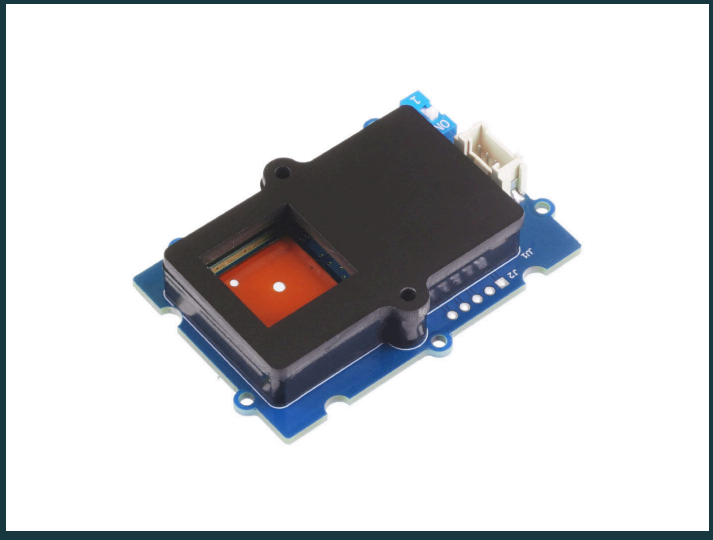
seeed studio

INDUSTRIAL PRODUCT DATASHEET

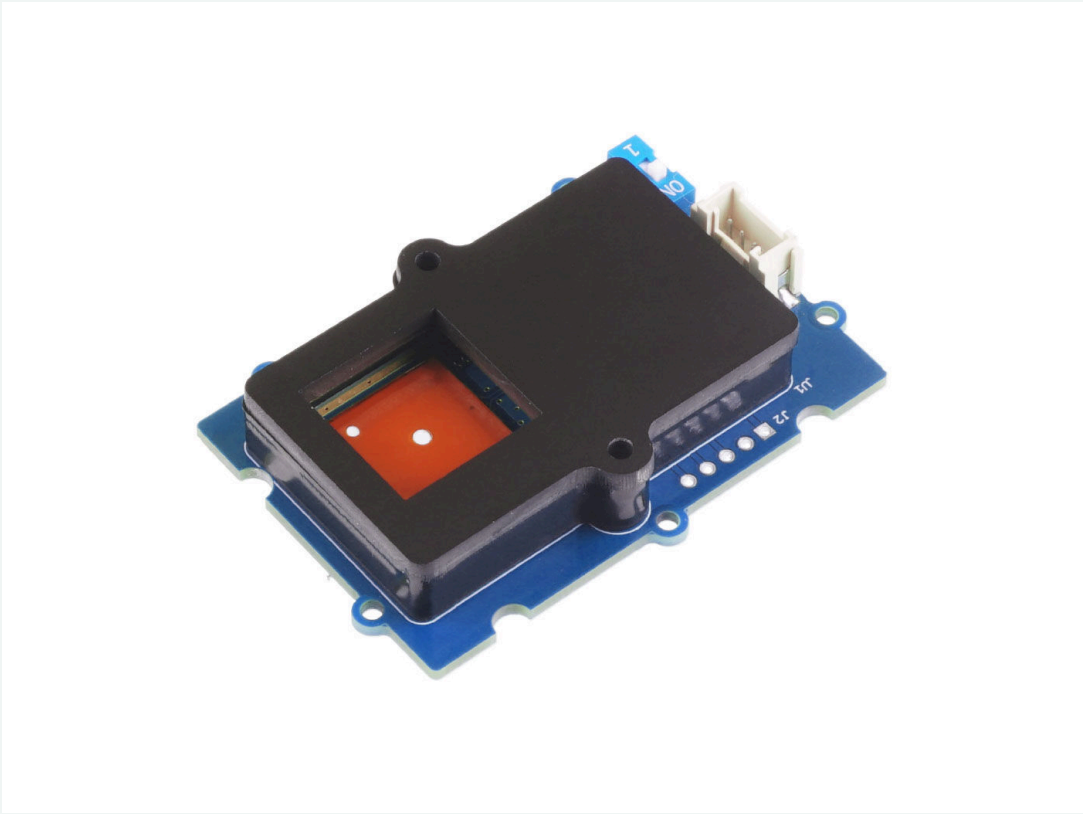
# Grove - Formaldehyde Sensor (SFA30) - HCHO Sensor, on-board SHT for RH, Temp - Arduino/ Raspberry Pi compatible, Easy integration into Air Purifier, Smart Ventilation System

Grove- Formaldehyde Sensor based on Sensirion SFA30 offers excellent formaldehyde sensing performance with a uniquely low cross-sensitivity to other VOCs.

| SKU | UPDATED | PRICE |
| --- | --- | --- |
| 101020972 | 2026-11-11 08:44:56 | $54.00(Excl. VAT) |



# Overview



Grove- Formaldehyde Sensor based on Sensirion SFA30 offers excellent formaldehyde sensing performance with a uniquely low cross-sensitivity to other VOCs. On-board SHT sensor provides accurate humidity and temperature readings. Designed for easy integration into Air Conditioners, Air Purifiers and Smart Ventilation System, etc specially in new house.

# Key Features

01 **Excellent sensing performance**

Supports uniquely low cross-sensitivity to other VOCs such as ethanol

02 **Wide formaldehyde detecting range**

Standard formaldehyde measurement range of 0 ~ 1000 ppb

03 **Long-term stability**

Patented electrochemical cell with anti-dry technology and 6 years' service lifetime

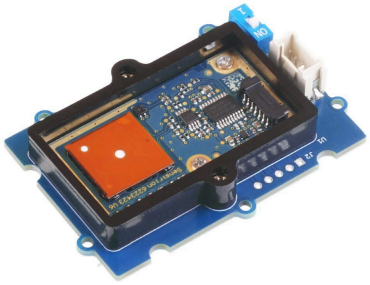
04 **Maintain performance under different circumstances**

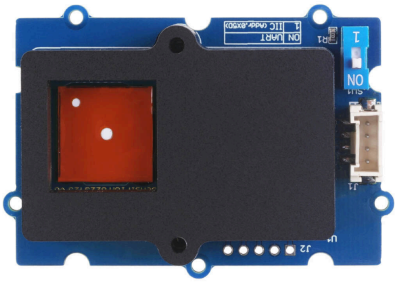
compensated temperatures and humidity via built-in Sensirion RHT sensor by advanced algorithms

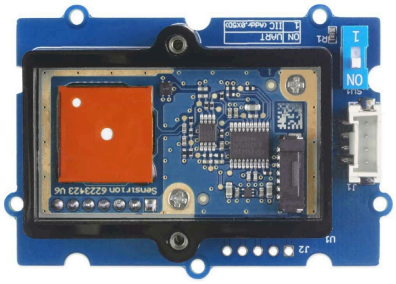
05 **Grove compatible interface**

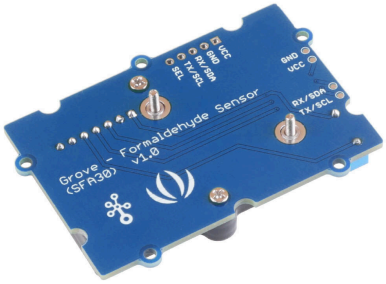
The product ensures "Plug and Play" and could be versatile for various applications of Grove

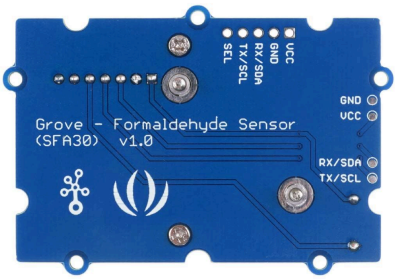
# Product Gallery

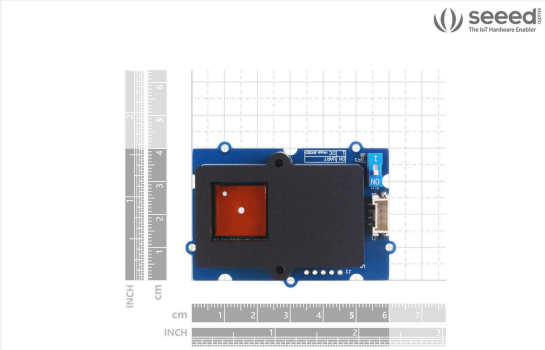








# Resource Links

- https://www.seeedstudio.com/Grove-Formaldehyde-Sensor-SFA30-p-5204.html
- SFA30 datasheet
- Community Innovations: A Showcase of Sensirion-Based Grove Projects
- PCN-101020972-Grove - Formaldehyde Sensor (SFA30)

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