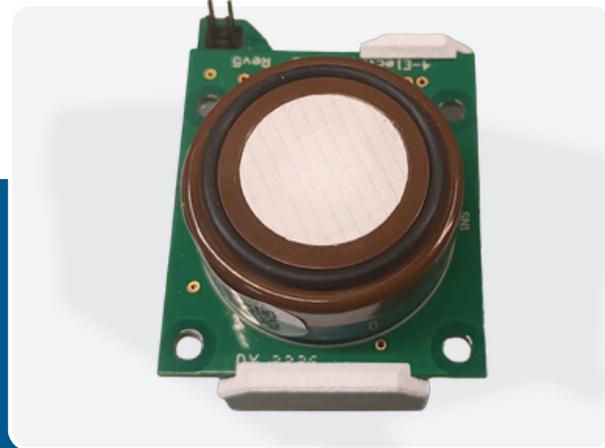


Sensorbee Volatile Organic Compound (VOC) Gas Sensor

The SB4292 Volatile Organic Compound Sensor is an electrochemical gas sensor module designed for environmental air quality monitoring. This sensor provides sensitive ppb-level detection of volatile organic compounds (VOCs) from 0 to 2,000 ppb, making it suitable for ambient air quality assessment, emission monitoring, and process control applications.



SB4292 - Volatile Organic Compound Sensor (VOC)



Measurement Range:

0 - 2,000 ppb



Resolution:

1 ppb



Limit of detection:

2 ppb



Repeatability:

5 ppb



Response Time:

< 30 sec



Guarantee range:

50 ppm



Typical Accuracy:

±130 ppb



Sensor type:

Electrochemical



Dimensions & Weight:

55 x 40 x 30 mm, 25 gram



Enclosure:

Polyamide



Operating Temperature:

-30 to +50 °C



Operating Pressure:

800 to 1200 hPa



Operating Humidity:

15 to 90 %RH



Module Operational Life:

> 1 Year