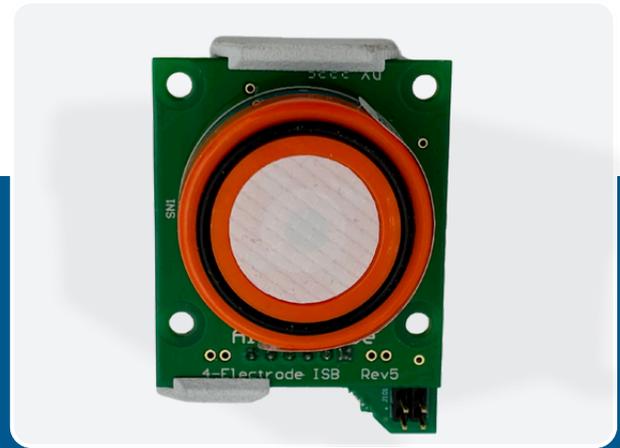


# Sensorbee Hydrogen Sulfide (H<sub>2</sub>S) Gas Sensor

The SB4282 Hydrogen Sulfide Sensor is an electrochemical gas sensor module designed for environmental air quality monitoring applications. This sensor provides sensitive ppb-level detection of hydrogen sulfide (H<sub>2</sub>S) concentrations, making it suitable for ambient air quality assessment, odour monitoring near wastewater treatment plants, and environmental compliance applications.



## SB4282 - Hydrogen Sulfide Sensor (H<sub>2</sub>S)

**Measurement Range:**

0 - 2,000 ppb

**Resolution:**

1 ppb

**Limit of detection:**

2 ppb

**Repeatability:**

4 ppb

**Response Time:**

< 55 sec

**Guarantee range:**

100 ppm

**Typical Accuracy:**

±10 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