

Sensorbee Carbon Dioxide Gas Sensor (CO2)



SB4212 - Carbon Dioxide Sensor (CO2)



Sensor type:
Photoacoustic



Dimensions:
Ø20 mm x 24 mm



Measurement Range:
Maximum 0 to 40,000 ppm
Specified Range 400 to 5,000 ppm



Weight:
8 gram



Measurement Accuracy:
400 to 1,000 ppm: $\pm (50 \text{ ppm} + 2.5 \%)$
1,001 to 2,000 ppm: $\pm (50 \text{ ppm} + 3 \%)$
2,001 to 5,000 ppm: $\pm (40 \text{ ppm} + 5 \%)$



Enclosure:
Polyamide



Resolution:
1 ppm



Operating Temperature:
-10 to +60 °C



Response Time:
< 60 sec



Operating Humidity:
0 to 95 %RH



Module Operational Life:
> 3 Year