

Measuring Range : 5 to 150 ppm (20 °C, 50 % r.h.)

Measuring Time : approx. 15 s at 150 ppm
approx. 30 s at 50 ppm
approx. 200 s at 5 ppm
approx. 100 s at 0 ppm

Ambient Operating Conditions

Temperature : 5 ... 40 °C

Correction of Temperature : 0 to 19 °C → + 0.8 %/ °C
21 to 40 °C → - 0.9 %/ °C
% of measured value over the measurement range.

Humidity : 1 to 40 mg/L (corresp. 2 to 80 % r.h. at 40°C)
Correction of Humidity: not necessary

Air Pressure : 700 to 1100 hPa

Correction of Air Pressure : not necessary

Accuracy : ± 8 % of the measured value over the measurement range, e.g.
± 0.4 ppm at 5 ppm
± 8.0 ppm at 100 ppm

Reproducibility : ± 12 % (Standard Deviation)

Cross Sensitivity

No influence at 5 ppm SO₂ by
≤ 150 ppm hydrogen sulfide
≤ 10 ppm hydrochloric acid

Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

Flushing Time

For a measurement of 5 ppm sulphur dioxide in laboratory conditions, a flushing time of 1 minute was determined.