
Sulphur Dioxide 0.4 - 10 ppm

Order Code
64 06 110

Measuring Range : 0.4 to 10 ppm (20 °C, 50 % r.h.)

Measuring Time : approx. 50 s at 10 ppm
approx. 200 s at 2 ppm
approx. 500 s at 0.4 ppm
approx. 180 s at 0 ppm

Ambient Operating Conditions

Temperature : 5 ... 30 °C

Correction of Temperature : not necessary

Humidity : 5 to 20 mg/L (corresp. 15 to 65 % r.h. at 30°C)

Correction of Humidity : not necessary

Air Pressure : 700 to 1100 hPa

Correction of Air Pressure : not necessary

Accuracy : ± 12 % of the measured value over the measurement range, e.g.
 ± 0.05 ppm at 0.4 ppm
 ± 1.2 ppm at 10 ppm

Reproducibility : ± 18 % (Standard Deviation)

Cross Sensitivity

No influence at 0.4 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 2 ppm sulphur dioxide in laboratory conditions, a flushing time of 1 minute was determined.