

Measuring Range : 2 to 50 ppm (20 °C, 50 % r.h.)

Measuring Time : approx. 20 s at 50 ppm
approx. 60 s at 10 ppm
approx. 200 s at 2 ppm
approx. 140 s at 0 ppm

Ambient Operating Conditions

Temperature : 0 ... 40 °C

Correction of Temperature : 0 to 19 °C → + 1 %/ °C
21 to 40 °C → - 1 %/ °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 : ± 4 % of the measured value over the measurement range,
e.g.
± 0.1 ppm at 2 ppm
± 0.4 ppm at 10 ppm

Reproducibility : ± 7 % (Standard Deviation)

Cross Sensitivity

No influence at 10 ppm H₂S by
≤ 50 ppm nitrogen dioxide
≤ 20 ppm sulfur dioxide
≤ 200 ppm mercaptan

Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

Flushing Time

For a measurement of 3 ppm hydrogen sulphide in laboratory conditions, a flushing time of 2 minutes was determined.