

Measuring Range : 10 to 250 ppm (20 °C, 50 % r.h.)
Measuring Time : approx. 40 s at 250 ppm
approx. 60 s at 100 ppm
approx. 275 s at 10 ppm
approx. 150 s at 0 ppm

Ambient Operating Conditions

Temperature : 0 ... 40 °C
Correction of Temperature : 0 to 19°C → not necessary
21 to 40°C → + 2,5 %/ °C
% of measured value over the measurement range.

Humidity : 1 to 30 mg/L (corresp. 2 to 60 % r.h. at 40°C)
Correction of Humidity : not necessary

Air Pressure : 700 to 1100 hPa
Correction of Air Pressure : not necessary

Accuracy : ± 15 % of the measured value over the measurement range, e.g.
± 1.5 ppm at 10 ppm
± 37.5 ppm at 250 ppm

Reproducibility : ± 18 % (Standard Deviation)

Cross Sensitivity

No influence at 10 ppm benzene by
≤ 50 ppm toluene
≤ 50 ppm xylene
≤ 1000 ppm n-octane

Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

Flushing Time

For a measurement of 100 ppm benzene in laboratory conditions, a flushing time of 1 minute was determined.