

Measuring Range : 100 to 2000 ppm (20 °C, 50 % r.h.)

Measuring Time : approx. 60 s at 2000 ppm
approx. 150 s at 500 ppm
approx. 360 s at 100 ppm
approx. 250 s at 0 ppm

Ambient Operating Conditions

Temperature : 0 ... 40 °C

Correction of Temperature : 0 to 19 °C → + 1.3 %/ °C
21 to 40 °C → - 0.7 %/ °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 : ± 7 % of the measured value over the measurement range,
e. g.
± 7 ppm at 100 ppm
± 140 ppm at 2000 ppm

Reproducibility : ± 10 % (Standard Deviation)

Cross Sensitivity

No influence at 100 ppm propane by
≤ 2000 ppm methane
≤ 2000 ppm ethane

Other aliphatic hydrocarbons are also indicated, however, with differing sensitivity.
Measurement of butane: reading divided by 2 = ppm butane.

Measurement with Remote System

Please observe the Instructions for Use of the Remote System.

Flushing Time

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