

Benzene 0.5 - 10 ppm

Order Code
64 06 160

Measuring Range : 0.5 to 10 ppm (20 °C, 50 % r.h.)

Measuring Time : approx. 100 s at 10 ppm
approx. 380 s at 1 ppm
approx. 420 s at 0.5 ppm
approx. 300 s at 0 ppm

Ambient Operating Conditions

Temperature : 0 ... 40 °C

Correction of Temperature

: 0 to 19°C → not necessary
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 : ± 18 % of the measured value over the measurement range,
e.g.
± 0.09 ppm at 0.5 ppm
± 1.8 ppm at 10 ppm

Reproducibility : ± 25 % (Standard Deviation)

Cross Sensitivity

No influence at 0.5 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 1 ppm benzene in laboratory conditions, a flushing time of 1 minute was determined.