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

### Measuring Time
<table>
<thead>
<tr>
<th>Concentration</th>
<th>Measuring Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 ppm</td>
<td>approx. 100 s</td>
</tr>
<tr>
<td>1 ppm</td>
<td>approx. 380 s</td>
</tr>
<tr>
<td>0.2 ppm</td>
<td>approx. 600 s</td>
</tr>
<tr>
<td>0 ppm</td>
<td>approx. 450 s</td>
</tr>
</tbody>
</table>

### 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 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
- ± 18 % of the measured value over the measurement range, e.g.
  - ± 0.04 ppm at 0.2 ppm
  - ± 1.8 ppm at 10 ppm

### Reproducibility
- ± 25 % (Standard Deviation)

### Cross Sensitivity
No influence at 0.2 ppm benzene by

- ≤ 50 ppm toluene
- ≤ 50 ppm xylene
- ≤ 800 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.