Order Code
64 06 270

Petroleum Hydrocarbons
100 - 3000 ppm

Measuring Range : 100 to 3000 ppm n-octane
(20 °C, 50 % r.h.)

Measuring Time : approx. 30 s at 3000 ppm
approx. 50 s at 500 ppm
approx. 90 s at 100 ppm
approx. 110 s at 0 ppm

Ambient Operating Conditions

Temperature : 0 ... 40 °C
Correction of Temperature :
0 to 19 °C -> + 5 %/ °C
21 to 40 °C -> - 2 %/ °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 : ± 10 % of the measured value over the measurement range,
e.g.
± 10 ppm at 100 ppm
± 300 ppm at 3000 ppm

Reproducibility : ± 13 % (Standard Deviation)

Cross Sensitivity

<table>
<thead>
<tr>
<th>Substance</th>
<th>Display of Analyzer indicates</th>
</tr>
</thead>
<tbody>
<tr>
<td>250 ppm n-hexane</td>
<td>approx. 330 ppm</td>
</tr>
<tr>
<td>250 ppm n-heptane</td>
<td>approx. 280 ppm</td>
</tr>
<tr>
<td>250 ppm n-nonane</td>
<td>approx. 150 ppm</td>
</tr>
<tr>
<td>200 ppm toluene</td>
<td>&lt; 100 ppm</td>
</tr>
<tr>
<td>200 ppm o-xylene</td>
<td>&lt; 100 ppm</td>
</tr>
</tbody>
</table>

Measurement with Remote System
Please observe the Instructions for Use of the Remote System.

Flushing Time
For a measurement of 250 ppm n-octane in laboratory conditions, a flushing time of 30 seconds was determined.