**Order Code**  
64 06 260  

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**o-Xylene 10 - 300 ppm**

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**Measuring Range**  
: 10 to 300 ppm (20 °C, 50 % r.h.)

**Measuring Time**  
: approx. 75 s at 300 ppm  
aprox. 130 s at 100 ppm  
approx. 400 s at 10 ppm  
approx. 225 s at 0 ppm

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**Ambient Operating Conditions**

**Temperature**  
: 0 … 40 °C

**Correction of Temperature**  
: 0 to 19°C  \(\rightarrow + 1.5 \%/°C\)  
21 to 40°C  \(\rightarrow + 0.5 \%/°C\)

% 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**  
: 1 to 9 mg/L  \(\rightarrow + 2.5 \% \text{ mg/L}\)  
11 to 30 mg/L  \(\rightarrow - 0.7 \% \text{ mg/L}\)

% of measured value

**Air Pressure**  
: 700 to 1100 hPa

**Correction of Air Pressure**  
: not necessary

**Accuracy**  
: \(\pm 13 \%\) of the measured value over the measurement range,  
e.g.  
\(\pm 1.3 \text{ ppm at 10 ppm}\)  
\(\pm 39 \text{ ppm at 300 ppm}\)

**Reproducibility**  
: \(\pm 19 \%\) (Standard Deviation)

**Cross Sensitivity**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Display of Analyzer indicates</th>
</tr>
</thead>
<tbody>
<tr>
<td>300 ppm n-octane</td>
<td>&lt; 10 ppm</td>
</tr>
<tr>
<td>100 ppm m-xylene</td>
<td>approx. 140 ppm</td>
</tr>
<tr>
<td>10 ppm toluene</td>
<td>approx. 100 ppm</td>
</tr>
<tr>
<td>100 ppm benzene</td>
<td>approx. 200 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 100 ppm o-xylene in laboratory conditions, a flushing time of 1 minute was determined.