DrägerSensor® XS Organic Vapors A

Gases qualified to measure:

<table>
<thead>
<tr>
<th>Name</th>
<th>Display Symbol</th>
<th>Relative Response</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethylene Oxide, C₂H₄O</td>
<td>EO</td>
<td>1.0</td>
</tr>
<tr>
<td>Styrene, C₈H₈</td>
<td>Styr</td>
<td>0.5</td>
</tr>
<tr>
<td>Methyl-methacrylate, C₄H₆O₂</td>
<td>MMA</td>
<td>0.3</td>
</tr>
<tr>
<td>Isobutene, C₄H₈</td>
<td>But</td>
<td>0.7</td>
</tr>
<tr>
<td>Acrylonitrile, CH₂=CH-CN</td>
<td>ACN</td>
<td>0.2</td>
</tr>
</tbody>
</table>

Compatible Instruments: Pac III, MiniWarn & Multiwarn II Monitors

Measuring Ranges:
- Maximum: 0 to 100 ppm EO (varies with gas detected)
- Standard: 0 to 25.0 ppm EO
- Minimum: 0 to 10.0 ppm EO

Response Time:
- 50% response to exposed concentration in less than 90 seconds (EO, But, and Styr)
- 50% response to exposed concentration in less than 300 seconds (MMA and ACN)

Accuracy: +/- 10% of measured value or better

Displayed Resolution: 0.5 ppm EO

Environmental Conditions:
- Temperature: -4 to 131 °F (-20 to 55 °C), continuous operation
- +41 to 104 °F (+5 to 40 °C), for MMA
- Humidity: 10 to 99 %RH, short duration
- Pressure: 20.7 to 38.4 inches Hg (700 to 1300 mbar)
- Note: Rapid changes in environmental conditions may cause temporary fluctuations on the sensor

Cross-Sensitivities:
- Positive Effects: CO, H₂S, HCN, NO, SO₂, HCl, H₂, Aldehydes, Alcohols, Olefins, Gasoline, and Phenols
- Other gas may have an influence on the sensor

Calibration Frequency:
- Required: 6 months
- Recommended: 3 months

Calibration Gas:
- Required: Targeted Gas
- Concentration: 40-100% of selected range
- Minimum: 2 ppm

Compatible Filters: Do not use any type of filter with the Organic Vapor sensor.

Warranty Period: 12 Months