

## Organic Vapors A (OVA)

Dräger Sensor XS  
Part No 6809522

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<b>Measuring Ranges:</b>	Maximum:	0 to 100 ppm EO (varies with gas detected)	
	Standard:	0 to 25.0 ppm EO	
	Minimum:	0 to 10.0 ppm EO	
<b>Gases measured:</b> [Displayed Character] (Relative Response)	Ethylene Oxide	[EO]	(1.0)
	Styrene	[Styr]	(0.5)
	Methyl-methacrylate	[MMA]	(0.3)
	Isobutene	[But]	(0.7)
	Acrylonitrile	[ACN]	(0.2)
<b>Compatible Instruments:</b>	Pac III, Multiwarn 2, & MiniWarn Monitors		
<b>Response Time:</b>	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)		
<b>Accuracy:</b>	+/- 20% of measured value or better		
<b>Displayed Resolution:</b>	0.5 ppm EO		
<b>Environmental Conditions:</b>	Temperature:	-4 to 131 °F (-20 to 55 °C), continuous operation +41 to 104 °F (+5 to 40 °C), for MMA	
	Humidity:	10 to 90 %RH, continuous operation 5 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	
<b>Known Cross-Sensitivities:</b>	Positive Effects:	CO, H <sub>2</sub> S, HCN, NO, SO <sub>2</sub> HCL, H <sub>2</sub> , Aldehydes, Alcohols, Olefins, Gasoline, and Phenols	
	Note:	Other gas may have an influence on the sensor	
<b>Calibration Frequency</b>	Required Interval:	6 months	
<b>Calibration Gas:</b>	Recommended Calibration Gas:	Targeted Gas	
	Recommended Concentration:	40-100% of selected range	
	Required Minimum Concentration:	2 ppm	
<b>Compatible Filters:</b>	Internal Dust & Mist Filter:	P/N 6809021 (standard)	
	Pac III:	Do not use External Dust & Mist Filter	
	MiniWarn:	Do not use External Dust & Mist Filter	
	Multiwarn 2:	Use only Dust & Mist Filter P/N 8313369	