



DrägerSensor[®] XS Organic Vapors A

P/N 6809105

Gases qualified to measure:	<u>Name</u>	<u>Display Symbol</u>	<u>Relative Response</u>
	Ethylene Oxide, C ₂ H ₄ O	EO	1.0
	Styrene, C ₈ H ₈	Styr	0.5
	Methyl-methacrylate, C ₄ H ₆ O ₂	MMA	0.3
	Isobutene, C ₄ H ₈	But	0.7
	Acrylonitrile, CH ₂ =CH-CN	ACN	0.2

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 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

Cross-Sensitivities:

Positive Effects:	CO, H ₂ S, HCN, NO, SO ₂ , HCl, H ₂ , Aldehydes, Alcohols, Olefins, Gasoline, and Phenols
Note:	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