

DrägerSensor[®] XS Organic Vapor

P/N 6809115

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
	Propylene Oxide, C ₃ H ₆ O	PO	0.8
	Ethylene, C ₂ H ₄	C ₂ H ₄	1.1
	Propylene, C ₃ H ₆	C ₃ H ₆	0.7
	Vinyl Chloride, C ₂ H ₃ Cl	VC	0.8
	Methanol, CH ₃ OH	MeOH	1.2
	Ethanol, C ₂ H ₅ OH	EtOH	0.6
	Acetaldehyde, CH ₃ CHO	Aald	0.3
	Butadiene, CH ₂ CHCHCH ₂	BTD	1.2
	Formaldehyde, HCHO	HCHO	1.0
	Vinyl Acetate, CH ₃ COOC ₂ H ₃	Vac	0.8
	Iso-propanol, (H ₃ C) ₂ CHOH	PrOH	0.3
Compatible Instruments:	Pac III, MiniWarn & Multiwarn II Monitors		
Measuring Range:	Maximum:	0 to 200 ppm EO (varies with chemical measured)	
	Standard:	0 to 50 ppm EO	
	Minimum:	0 to 20 ppm EO	
Response Time:	50% response to exposed concentration in less than 20 seconds (Aald, C ₂ H ₄ , C ₃ H ₆ , VC, BTD, HCHO, Vac)		
	50% response to exposed concentration in less than 90 seconds (EO, PO, MeOH, EtOH, PrOH)		
Accuracy:	+/- 5% of Maximum Full Scale Value		
Display Resolution:	0.5 ppm		
Environmental Conditions:	Temperature:	-4 to 122 °F (-20 to 50 °C) continuous operation -4 to 131 °F (-20 to 55 °C) short duration	
	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 in the sensor readings	
Cross-Sensitivities:	Positive Effects:	Alcohols, Aldehydes, Olefins, CO, H ₂ S, H ₂ , HCN, NO, NO ₂ , SO ₂ , Mercaptans, HCl, Gasoline, Acetone, and Phenol.	
	Note:	Other gases may have an influence on the sensor	
Calibration Frequency:	Required:	6 months	
	Recommended:	3 months	
Calibration Gas:	Recommended:	Ethylene (for EO, PO, C ₂ H ₄ , C ₃ H ₆ , VC, MeOH, EtOH, Aald, BTD, HCHO, Vac, & PrOH)	
	Concentration:	40 to 100% of selected measuring range	
	Minimum:	4 ppm	
Compatible Filters:	Do not use any type of filter with the Organic Vapor sensor.		
Warranty Period:	12 Months		