

DrägerSensor[®] Smart IR Ex**P/N 6810460**

Gases qualified to measure:	Methane, Butane, Cyclohexane, Cyclopentane, Diethyl Ether, Ethane, Ethyl Alcohol, Gasoline, Heptane, Hexane, Methyl Alcohol, Natural Gas, Nonane, Octane, Pentane, Propane, and Propyl Alcohol. Detection of other gases and vapors possible, contact Draeger Safety for details.
Compatible Instruments:	X-am 7000 Monitors
Measuring Ranges:	0 to 10000 PPM 0 to 100 % LEL
Response Time:	Pump operation: 90% response to exposed concentration in less than 30 seconds Diffusion operation: 90% response to exposed concentration in less than 40 seconds
Accuracy:	Varies with substance measured +/- 5 % of measured value methane +/- 4 % of measured value propane
Lowest Display Resolution:	100 PPM for the measuring range of 0 to 10000 PPM 1 % LEL for the measuring range of 0 to 100 % LEL
Environmental Conditions:	Temperature: -13 to 140 °F (-25 to 60 °C), continuous operation Humidity: 10 to 95 %RH, continuous operation Pressure: 20.7 to 38.4 inches Hg (700 to 1300 hPa)
Cross-Sensitivities:	The sensor will react with many readily oxidized hydrocarbons. The amount of response varies depending substance, contact Draeger Safety for details.
Effects of Poisons:	No know substances have a permanent and detrimental effect on the sensor
Calibration Frequency:	Recommended: 6 months
Calibration Gas:	Required: Match to specific application or contact Draeger for information Concentration: 40-100% of selected range
Warranty Period:	5 Years