DrägerSensor® Smart CAT Ex-HC

P/N 6810410

Gases qualified to measure:	Methane, Acetic Acid, Acetone, Acetylene, Ammonia, Benzene, Butane, Butyl Alcohol, Butanone, Butyl Acetate, Carbon Monoxide, Cyclohexane, Cyclopentane, Diethyl Amine, Diethyl Ether, Ethane, Ethyl Alcohol, Ethene, Ethyl Acetate, Gasoline, Heptane, Hexane, Hydrogen, Methyl Alcohol, Methoxy-Propanol, Methyl Tertiary Butyl Ether, Natural Gas, Nonane, Octane, Pentane, Pentyl Alcohol, Propane, Propyl Alcohol, Propylene Oxide, Styrene, Toluene, and Xylene. Detection of other gases and vapors possible, contact Draeger Safety for details.
Compatible Instruments:	X-am 7000 Monitors
Measuring Ranges:	0 to 10000 PPM CH_4 0 to 100 % LEL of above mentioned gases and vapors 0 to 100 % Methane (CH_4) by Vol.
Response Time:	90% response to exposed concentration in less than 30 seconds
Accuracy:	+/- 3 %LEL at 40 %LEL +/- 5% by Vol. when measuring 50% by Vol.
Lowest Display Resolution:	200 PPM for the measuring range of 0 to 10000 PPM 1 % LEL for the measuring range of 0 to 100 % LEL 0.1 % by vol. for the measuring range of 0 to 5.00 % vol. CH_4 1% by vol. for the measuring range of 5.00 to 100 % vol. CH_4
Environmental Conditions:	Temperature: -4 to 131 °F (-20 to 55 °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:	H_2S, halogenated hydrocarbons, heavy metals, polymerizable substances and gases containing silicone or sulfurs may have a 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:	2 Years