

SENSALERT INTELLIGENT SENSORS

Sensor Ordering Information

Acetylene (0-100 %LEL) [Infrared] **	491255-D-1
Ammonia (0-50 ppm) *	011243-D-3X
Ammonia (0-100 ppm) * [Low H ₂ Interference]	011243-D-1
Ammonia (0-500 ppm) *	011343-D-1
Arsine (0-1 ppm)	121042-D-1
Carbon Dioxide (0-2 %vol) [Infrared] **	052055-D-1
Carbon Disulfide (0-50 ppm)	452132-D-1
Carbon Monoxide (0-100 ppm)	195272-D-1
Carbon Monoxide (0-100 ppm) [Low H ₂ Interference]	198262-D-1
Carbon Monoxide (0-500 ppm)	195272-D-2
Carbon Monoxide (0-500 ppm) [Low H ₂ Interference]	198262-D-2
Chlorine (0-5 ppm) *	025142-D-2
Chlorine (0-10 ppm) *	025142-D-1
Chlorine (0-100 ppm) *	021232-D-3
Chlorine Dioxide (0-1 ppm) *	391042-D-1
Combustible Gases (0-100 %LEL)	111250-D-1
Combustible Gases (H ₂ , Acetylene, Catalytic) (0-100 %LEL)	111253-D-1
Combustible Gases (Methane) (0-100 %LEL) [Infrared] **	111255-D-1
Combustible Gases (non-Methane Hydrocarbons) (0-100 %LEL) [Infrared] **	111255-D-2
Diborane (0-1 ppm)	291042-D-1
Ethylene Oxide (0-10 ppm)	452132-D-1
Fluorine (0-10 ppm)	151142-D-1
Germane (0-2 ppm)	302042-D-1
Hydrazine (0-1 ppm)	481042-D-1
Hydrogen (0-1000 ppm)	101332-D-1
Hydrogen (0-100 %LEL)	101236-D-1
Hydrogen Chloride (0-20 ppm) *	083142-D-1
Hydrogen Chloride (0-100 ppm) *	081232-D-2
Hydrogen Cyanide (0-20 ppm)	031232-D-1
Hydrogen Cyanide (0-100 ppm)	031232-D-2X
Hydrogen Fluoride (0-10 ppm) *	071142-D-1
Hydrogen Sulfide (0-50 ppm)	062272-D-1
Hydrogen Sulfide (0-100 ppm)	062272-D-2
Nitric Oxide (0-100 ppm)	421232-D-1
Nitrogen Dioxide (0-10 ppm) *	211232-D-1
Oxygen (0-25 %vol)	403162-D-1
Ozone (0-2 ppm) *	432032-D-1
Phosgene (0-1 ppm)	471042-D-1X
Phosphine (0-1 ppm)	131042-D-1
Silane (0-10 ppm)	145142-D-1
Styrene (0-10 ppm)	462273-D-1X
Sulfur Dioxide (0-20 ppm) *	182132-D-1
Sulfur Dioxide (0-20 ppm) [Filtered for H ₂ S] *	181233-D-1

Many other gases and ranges are available.

* Cannot be used with Explosion-Proof Transmitter. Use HD (Div#2) transmitter, or install I.S. barrier for use in Division 1 areas.

** Must be used with Infrared Transmitter

FEATURE

- ¥ Integral Non-volatile Memory
- ¥ Application Data in Memory
- ¥ Temperature Compensation
- ¥ Menu-Driven Human Interface
- ¥ New non-depleting Detectors

BENEFIT

- ¥ Automatic Sensor Recognition
- ¥ Permits Hot Swapping Sensors
- ¥ Stable, Drift-free Operation
- ¥ Quick Functional Checks
- ¥ Longer Life, Reduced costs



SensAlert™ is a major innovation in sensor technology, designed around your ideas and the latest detectors, to revolutionize gas detection.

Continuous temperature measurement and non-volatile memory for application parameters, means SensAlert™ gas sensors are very stable and accurate, requiring infrequent maintenance.

New sensors arrive calibrated and ready for immediate use in your facility. Insert into any

SensAlert™ Universal Transmitter and automatic recognition and set-up on the application parameters occurs.

A uniform mechanical and electrical sensor interface makes sensor improvements transparent to the user, for 100% backward compatibility, and use with any Sensidyne universal transmitter.

Sensidyne continuously evaluates and tests new detectors. *Obsolescence due to detector revisions is a thing of the past.*

DETECTABLE GASES*

Acetylene (asphyx) ¹	Hydrogen Chloride (2.5)
Ammonia (25)	Hydrogen Cyanide (4.7)
Arsine (0.05)	Hydrogen Fluoride (3)
Carbon Disulfide (1)	Hydrogen Peroxide (1)
Carbon Monoxide (35)	Hydrogen Sulfide (C:10)
Carbon Dioxide (5000)	Nitric Oxide (25)
Chlorine (C: 0.5)	Nitrogen Dioxide (1)
Chlorine Dioxide (0.1)	Oxygen Def. (19.5%)
Combustible Gases & Vapors	Oxygen Enrich. (23.5%)
Diborane (25)	Ozone (0.05)
Ethylene Oxide (1)	Phosgene (0.1)
Fluorine (0.1)	Phosphine (0.3)
Germane (0.2)	Silane (5)
Hydrazine (1)	Styrene (20)
Hydrogen (asphyx)	Sulfur Dioxide (2)

¹ Numbers in parentheses refer to TWA (ACGIH 2003) in ppm unless otherwise indicated.
C:O indicates ceiling. AsphyxO means Asphyxiant.O

INDUSTRY APPLICATIONS

Energy & Power	CRTs & Electronics
Ferrous Metals	Cylinder & Aerosol Filling
Non-Ferrous Metals	Paper & Wood Products
Precious Metals	Research Laboratories
Mining	Telecommunications
Metal Working	Mass Transportation
Pharmaceutical	Food & Beverage
Industrial Gases	Parking Garages
Chemicals & Synthetics	Refrigeration
Specialty Chemicals	HVAC Services
Oil & Gas Production	Sanitary Services
Gas Processing	Water Treatment
Oil Refining	Waste Disposal
Hydrocarbon Pipelines	Manufacturing
Natural Gas Utilities	Automotive
Chlor-alkali Plants	Marine
Semiconductor Fabs	

* Many other gases and vapors can be detected. Consult factory for unlisted applications.