

GASMAX NS Gas Monitor

Compact Single Channel Ambient Gas Detector for Toxic, CO₂ & VOC Gases in Non-Hazardous Areas

- * Supports Electrochemical, Infrared or PID sensors
- * Wide DC input range: +12VDC to +35VDC plus optional AC In
- * Analog 4-20mA RS-485 Serial Modbus and Fault Output
- * Operating temp range -40°C to +70°C (subject to sensor limits)
- * Optional 900 MHz or 2.4 GHz wireless radio
- * User-programmable piezo buzzer for audible alarm warning
- * Three Button User Interface with magnets or pushbuttons
- * Two alarm relays or dedicated high-visibility LED indicators
- * Manufactured in USA

The GDS Corp *GASMAX NS* single-channel gas monitor supports a wide range of sensors for toxic or volatile organic compounds (VOCs). The monitor is DC powered with an optional AC supply for easy installation and uses magnetic switches for fast setup that doesn't require opening the enclosure.



GASMAX NS Specifications

Sensor	Electrochemical, infrared or PID
Power	+12-32VDC or 110/220 VAC 2 watts max
Display	102x 64 LCD with LED
Interface	Magnetic wwnd or pushbuttons
Outputs	4-20mA analog Dedicated fault terminal Serial MODBUS interface Piezo buzzer
Radio	Optional wireless interface, 900 MHz or 2.4 GHz
Dim	5"W x 5"H x 5"D
Enclosure	NEMA C1 4, 4X IP66 UL508
Warranty	One year limited warranty

GASMAX NS Order Guide

GM/NS-SEN-RNG/OPT1-OPT2-OPT3	
SEN	Select sensor type from list below
RNG	See GDS Configurator for available ranges
OPT1	1 = +12 to +35VDC Power Input 2 = 110/220 VAC Power Input
OPT2	0 = No Radio 1 = 900 MHz Wireless Radio 2 = 2.4 GHz Wireless Radio
OPT3	0 = Multicolor LED 1 = Green LED

10	Oxygen (O ₂), 0-25%	20	Ammonia (NH ₃), 0-100 ppm*	50	Methane (CH ₄), 0-100% LEL (IR)
11	Carbon Monoxide (CO), 0-1000 ppm	21	Ozone (O ₃), 0-5 ppm*	53	Methane (CH ₄), 0-100% by volume (IR)
12	Chlorine (CL ₂), 0-20 ppm*	22	Ethylene Oxide (ETO), 0-10 ppm	54	Carbon Dioxide (CO ₂), 0-4% by volume (IR)
13	Chlorine Dioxide (CLO ₂), 0-5.0 ppm	28	Nitric Oxide (NO), 0-250 ppm		
14	Hydrogen (H ₂), 0-4% by volume	25	Nitrogen Dioxide, (NO ₂), 0-20 ppm	61	PID Isobutylene (10.6eV) Low Range
15	Hydrogen Sulfide (H ₂ S), 0-100 ppm	35	Formaldehyde (CH ₂ O), 0-10 ppm	62	PID Isobutylene (10.6eV) High Range
16	Hydrogen Cyanide (HCN), 0-50 ppm	36	Phosphine (PH ₃), 0-5.0 ppm	63	PID Isobutylene (10.0eV) Low Range
17	Hydrogen Chloride (HCL), 0-30 ppm*	40	Hydrogen Sulfide (H ₂ S), 0-2000 ppm	64	PID Isobutylene (11.7eV) Low Range
18	Hydrogen Fluoride (HF), 0-10 ppm*	41	Ammonia (NH ₃), 0-300 ppm*		
19	Sulfur Dioxide (SO ₂), 0-20 ppm	42	Ammonia (NH ₃), 0-1000 ppm*		



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