

Midas® Gas Detector

Extractive Sampling

GAS DETECTION



Description: The Midas® is a gas monitoring system for fast and reliable response to the presence of virtually all of the gases used in laboratory, manufacturing, chemical or other industrial applications. Midas® offers lower cost of ownership benefits for gas detection through a combination of extended sensor calibration periods, flexible communications architecture and patented diagnostics that monitor sensor performance and flow control.

Midas® is a universal transmitter platform that detects the majority of toxic, ambient and flammable gases that must be monitored in a typical industrial process environment. The pre-calibrated “plug and play” smart sensor cartridge makes sensor replacement quick and easy. Bright LED lights and an icon driven menu guarantee instant alert to the gas reading or alarm level.

Midas® is compact in size, making installation simple with its easy access metal chassis design. The unit can monitor points up to 100 ft. away from the transmitter due to its extractive pump design.

Specifications	
Size (unit with sensor)	120x63x150 mm (HxWxD)
Weight (unit with sensor)	0.8 kg
Operating Voltage	24 VDC nominal
Visual Indicators	Alarm, power and fault lights; back lit LCD display
Relays	3 relays for alarm 1, alarm 2 and fault
Analog Output	4-20 mA

Design Features

- Smart sensor cartridge:** comes calibrated for a specific gas, 2 year warranty on sensor
- Extractive sampling detector:** onboard pump allows for monitoring of gas up to 100 ft. away
- Backlit LCD display and LED lights:** provides readout of gas levels and alarm indication
- Chassis design:** allows for easy change of gas sensor cartridge

Ordering Information		
Product Number	Gas	Range
V89 811172	Hydrogen	0-100% Lower Explosive Limit (LEL)
V89 811173	Oxygen	0-25% volume
V89 811434	Carbon Monoxide	0-100 parts per million (ppm)
V89 811393	Ammonia	0-100 parts per million (ppm)

Other configurations for gases are available. Please consult with Airgas Engineering Solutions for details.

Please call 1-800-282-1524 for technical sales and support of this product.