

MIL-RAM TECHNOLOGY

Single Channel Gas Alarm

Gas Alarm Features

- ◆ **no false alarms** Mil-Ram *patented* sensor technology
- ◆ Toxic/LEL/VOC/Oxygen: hundreds of different gases and vapors
- ◆ Self calibration adjusts span monthly based on sensor life curve - reduces calibration frequency and cost
- ◆ Auto gas calibration, non-intrusive, hands-free, magnetic switches
- ◆ Relay Module provides low, mid, high and fault relays, rated 10A.
- ◆ Integrated audible horn and visible strobe
- ◆ LCD display - backlit - 12 characters x 2 lines - provides user interface with magnetic switches - no dip switches.
- ◆ Offsite sensor calibration to replace sensors in the field w/o recalibration
- ◆ Peak Value, 15-min. TWA, Temperature
- ◆ Remaining sensor life and Replace sensor indication
- ◆ Standard Output: 4-20mA, linear
- ◆ RS-485 Modbus RTU option - provides multi-drop installations with serial communications to centralized control system (PLC, DCS, etc.)
- ◆ Operating Voltage - 110 VAC (24 VDC available)
- ◆ Nema 4X polycarbonate enclosure with stainless steel latch
- ◆ Continuous Diagnostics

Sensor Technologies

- ⚙ Electrochemical
- ⚙ Infrared
- ⚙ Catalytic
- ⚙ PID
- ⚙ Thermal Conductivity

Sensors *patented* by Mil-Ram

- ◆ **no false alarms** Mil-Ram electrochemical sensor technology
- ◆ No *zero drift* with changes in temperature/humidity/pressure
- ◆ No LEL, methane, hydrocarbons, CO, CO₂, VOCs gas interference
- ◆ Do not saturate with occasional exposure to high gas levels
- ◆ Do not *go to sleep* after long periods in gas-free air
- ◆ Chemically selective based on unique electrolyte chemistry
- ◆ Long life: >3 years typical under normal operating conditions



Toxic-Combustible-Oxygen
Hundreds of Gases and Vapors

Typical Applications

- ◆ Pulp & Paper
- ◆ Chemicals & Plastics
- ◆ Water & Wastewater Treatment
- ◆ Semiconductor & Electronics
- ◆ Laboratories & Universities
- ◆ Food Processing & Refrigeration
- ◆ Pharmaceuticals
- ◆ Any Industrial Process that generates Toxic and/or LEL Gas



MIL-RAM
Patented Technology
no false alarms
Gas Detection Systems
ISO 9001:2000 Certified

Tel: 510-656-2001 • Toll Free: 1-888-4MILRAM (1-888-464-5726)
Fax: 510-656-2004 • Email: sls@mil-ram.com • Web: www.mil-ram.com