

SENSALARM[®]

All-In-One Point Gas Monitoring System for Oxygen Deficiency

Specifications

ENCLOSURE

Material Fiberglass.
Description UL listed, NEMA 4X Rated
Type Wall mount with tabs & threaded inserts.
Overall Size 10 (W) by 17 (H) by 6.5 (D) Inches,
25.4 (W) by 43.2 (H) by 16.5 (D) cm.
Weight 8.3 lbs. (3.8 Kg) including sensor.
Conduit 3/4 inch EMT connector supplied (side).
Temperature -4° to 122°F (-20° to 50°C).
Humidity 5-95 %RH, non-condensing.
Service Indoor or Outdoor Locations.

DISPLAYS & CONTROLS

LCD Display Alphanumeric (Value, Gas, & Units).
LED Display 3 Digit x 1.5 Inch Red LED (Value).
Indicators Power LED, Alarm LEDs (Fail, Low, High),
Zero, Program, and Span LEDs.
Controls Zero, Program, & Span magnetic switches for
non-intrusive calibration and adjusting
alarms.
Materials Sensor retaining ring, splashguard, and
most other accessories are made of PVC
or Delrin[®].

ELECTRICAL

Design Microprocessor based with integral
nonvolatile memory. Automatic resume
on power failure.
Power 85-264 VAC, 50/60 Hz or 24 VDC.
Outputs Non-isolated 4-20 mA (750 ohm load),
RS-485, Modbus RTU Protocol,
two or four wire operation.
Strobe Red lens flashing strobe (NEMA 4X).
Horn 110 dB warbling horn (configurable).
Alarm Relays... SPDT, 6 Amps @ 115VAC or 24VDC, User
accessible SPDT Fault, Low & High Alarm
Relays. Additional relays for Strobe &
Sounder. Note: Alarm values stored in
non-volatile memory.
Diagnostics Missing or non-functional Sensor,
Calibration zero or span failure.
Approvals CE Mark, UL Listed Enclosure
EN55011 & EN61000

Note: Refer to certification documents and datasheets
for specific approval and configuration
information.

Additional Applications

SensAlarm is available for many applications
where monitoring of toxic or oxygen gases are
necessary. Contact the factory for additional
information.

Description

*The SensAlarm is the easiest to
implement and most reliable single
point monitoring system available!*

Connect power, plug in the sensor
and the monitor will automatically
configure the system for gas type,
range, engineering units and default
alarm levels. With active temperature
compensation, the sensor is virtually
drift-free and provides significantly
reduced maintenance.

SensAlarm is the best shelter or room
monitor for Oxygen deficiency hazards.

Easy Gas Detection

- Quick Calibration
- Optional Battery Back-up
- Large, Easy to Read Display
- Sensors Automatically Configure
- Easy Maintenance & Modular Design

Features & Benefits

- Easy to Install, Use and Maintain
- Plug-in Intelligent Sensor and Auto Configures
- All -In-One System with Integral Horn and Strobe
- Local or Remote Sensor to Meet Many Challenging Applications
- NEMA 4X, UL Listed Enclosure & Magnetic Non-intrusive Interface
- 4-20 mA and Modbus (RS-485) Outputs with Configurable Relays

Ordering Guide

SensAlarm Monitor	7013623
SensAlarm Monitor with Battery Back-up	7013623-3
Oxygen Sensor	403162-D-1
Calibration Cup	7011668-1
Temporary Work Location Kit (7' Cord and Handle)	7011668-1
Remote Sensor Kit 10ft	7013623R10
Remote Sensor Kit 30ft	7013623R30

