TOXALERT™

OXYGEN DEPLETION REMOTE ALARM PANEL   MODEL ODRAP – 24

USED IN TYPICAL APPLICATIONS SUCH AS:

- **Mechanical Rooms**
- **Industrial Chemical Plants**
- **Compressed Gas Storage**
- **Refrigerated Warehouses**
- **Confined Spaces**
- **Medical Facilities**

GENERAL DESCRIPTION:

TOXALERT'S Oxygen Depletion Remote Alarm Panel, when used in conjunction with an oxygen depletion or other monitoring system, can provide alarm signaling (audible alarm with visual indication) in separate areas where remote alarm indication is needed. It provides warning of possible problem situations, such as leakage of refrigerant or other gases, and oxygen depletion. It is therefore also useful in preventing entry into or occupancy of an area where a hazardous condition may exist, and allows for remote actuation of a purge fan. The Oxygen Depletion Remote Alarm Panel can be used in conjunction with systems furnished by TOXALERT INTERNATIONAL, Inc., or integrated into any other control system.

FEATURES:

- Compact Nema 1 Enclosure
- Audible Alarm
- Visual Indicator
- Resettable pushbutton silence
- Purge Switch

SPECIFICATIONS:

Alarm functions:
    Alarm horn with push button silence, 3.5kHz tone @ 95 dB, red LED indicator,
    Purge switch for remote ventilation control.
Input Power:
    24 VDC signal from controller, 12.5mA max
Operating:
    Temperature: -68°F to 140°F (-56°C to +60°C)
    Relative Humidity: 5 to 95% non-condensing
Enclosure:
    Dimensions - 6.63" x4.67" x 3.64" (168.4mm x 118.5mm x 92.4mm)
    Weight: 2.2 lbs
    Type - Nema 1
    Material - Gray polycarbonate

TYPICAL WIRING DIAGRAM

MODEL ALM/OXY2

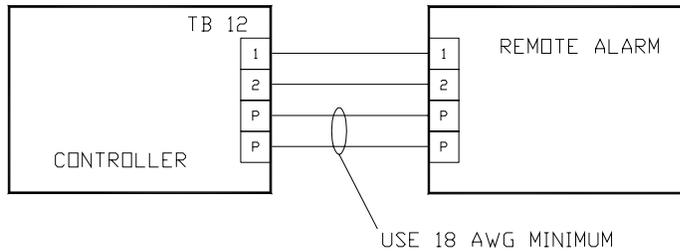

TB 12

CONTROLLER

REMOTE ALARM

USE 18 AWG MINIMUM

Fig. 1

Installation:
1. Remove front cover of enclosure.
2. Drill holes through back of enclosure for mounting hardware using the pre-molded pattern. (If needed, create a suitable pattern for drilling). After holes are drilled, use them as a template for holes in mounting surface and drill accordingly. .
3. A wiring access hole must be added to the enclosure anywhere along the top, bottom, back or sides of the rear enclosure section. If conduit is to be used, use a chassis punch to match the required fitting size.
4. Remove any chips and burrs from enclosure.
5. Secure enclosure to mounting surface
6. Wire unit as shown in fig.1. **WARNING: To prevent fire or shock hazard turn off supply power sources before making connections. Comply with all local building codes and ordinances.**
7. Re-install front cover of enclosure

      Please contact your local representative or TOXALERT INTERNATIONAL, INC.
      for servicing.

Ordering information:

Part #	Description
ODRAP – 24	Remote Alarm Panel for 24vdc input alarm signal (with purge switch).