Amico Alert-3

LCD Alarm

Features:

LCD alarm panel incorporates the latest microprocessor based technology

Smallest 8 gas alarm in the industry

Auto detecting gas sensors (no need to set dip switches)

Digital sensors can be mounted locally or remotely utilizing shielded twisted pair wiring

Sensors designed to create interference barrier for increased RFI/EMI protection

LCD brightness & volume is field adjustable

LCD display readable in poor lighting conditions

Self diagnostic and error message display for ease of maintenance

High / Low alarm set points are field adjustable for each individual gas service

Gas specific sensor with DISS nut and nipple

General Specifications:

The Digital LCD Area Alarm system shall be an Amico Alert-3 series, complete with a five-year warranty.

The LCD alarm shall be microprocessor based, with a minimum of a 10" screen. The sensors shall be capable of local (in box up to 8 sensors) or remote mounting (up to 8 sensors). Sensors will be automated for gas specific detection.

Each sensor unit is gas specific, with an error message display for an incorrect connection.

Each specific service shall be provided with a digital read-out comprising of 0-249 psi [0-1,717 kPa] for pressure and 0-30"Hg [-100-0 kPa] for vacuum. The digital read-out shall provide a constant indication of each service being measured. An indicator shall be provided for each service indicating a green "NORMAL" and a red "HIGH" or "LOW" alarm condition.

If an alarm occurs, the green indicator will change to red and a continuous audible alarm will sound. Pushing the (mute button/push to test button) will cancel the audible alarm, but the unit will remain in the alarm condition until the problem is rectified.

The default set-points shall be +/- 20% variation from normal condition. In the calibration mode High/Low set-points shall be adjustable by on board push buttons. To view the set points and audible alarm sound level, press and hold the mute button for twenty (20) seconds.

The box shall be fabricated from 18 gauge [1.3 mm] steel with a 3/8" [9.53 mm] O.D. type "K" copper pipe for connection to the service line. The box mounting brackets shall be adjustable to accommodate for different wall thickness.

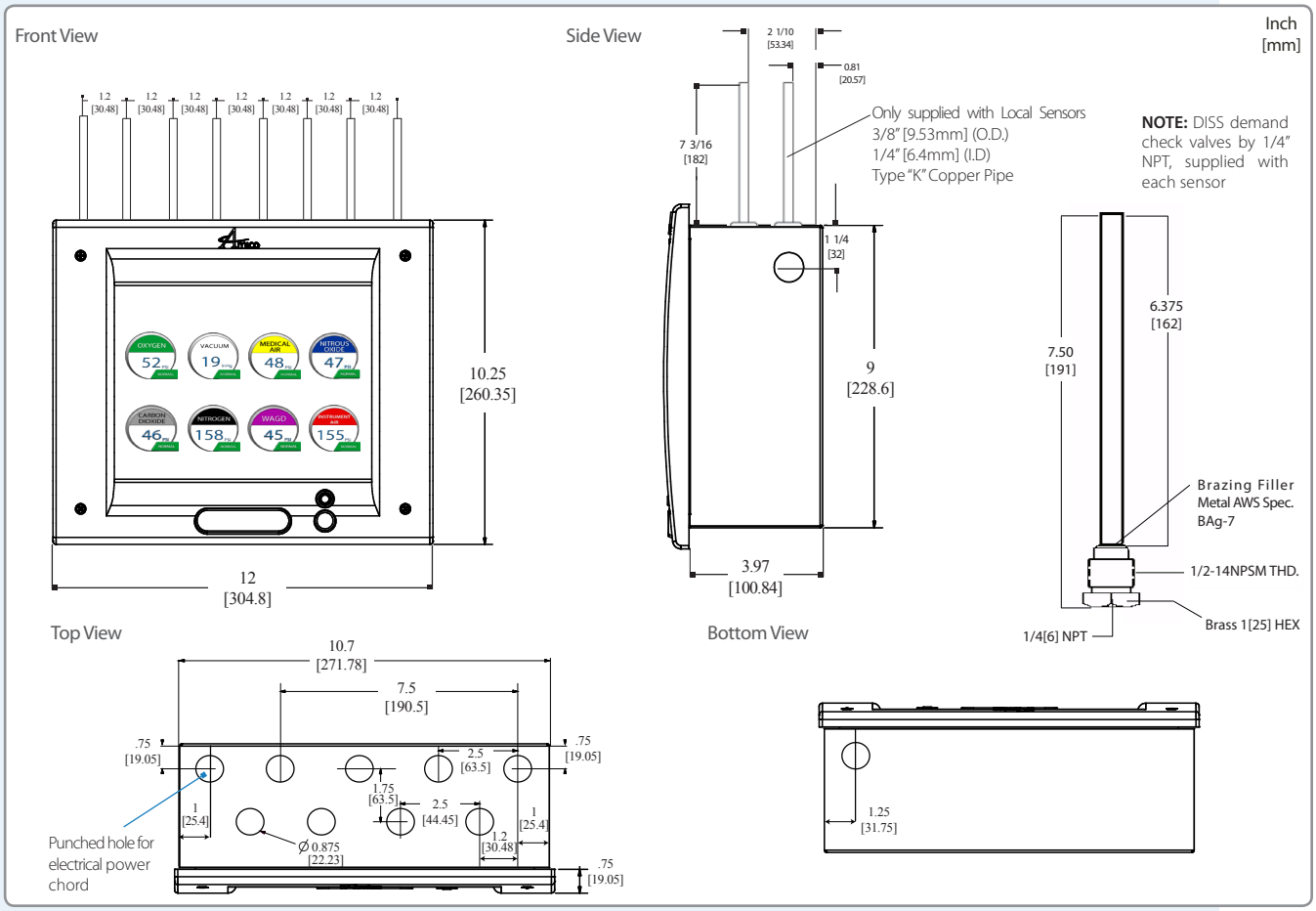
LCD Sensor operating pressure range:

Mid-Pressure:	(0 psi to 99 psi) - OXY, AIR, N2O, CO2
High Pressure:	(0 psi to 249 psi) - IAR, NIT
Vacuum:	(0 to 30 inHG) - VAC, WAGD, AGSS

Input power to the Amico Alert-3 alarm is: 115-220 VAC, 50-60 HZ.

The Amico Alert-3 LCD alarm is ETL listed to UL 1069 and CSA C22.2 NO 205.

Technical Specifications



Model Numbers

A3AR-L-XXXXXXXX

R = Remote
C = Conversion (Retrofit)

The Letter "L" Defines the Language:

U = English (NFPA)
E = English (CSA/ISO)
F = French (CSA/ISO)
SU = Spanish (NFPA)
S = Spanish (ISO)

The Letter "X" Defines the Type of Gas:

O = Oxygen
V = Medical Vacuum
N = Nitrogen
W = WAGD (NFPA)
I = Instrument Air
A = Medical Air
2 = Nitrous Oxide
C = Carbon Dioxide
E = AGSS (ISO)

Example:
3 Gas LCD Alarm Consisting of Oxygen, Medical Air & Vacuum = A3AR-U-OAV

Distributed By:

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