

SERIES 94 EXP. EXPLOSION-PROOF WALL-MOUNTED μ P BASED GAS ANALYSER

THE INSTRUMENT

These Single-Point Wall Mounted Instruments work on mains supply and has a sensor fitted on a length of cable. Certified explosion proof enclosures are used to house the instrument & the Sensor. The instrument and sensor is located at the site to be monitored. They are provided with two alarms, along with relays and recorder outputs of 0-1 V and 4-20 mA. They are meant for continuous operation of area monitoring with continuous read-out, plus vital status indicators

FEATURES

- Two Visual Alarms along with acknowledge and reset buttons. Alarms settable as manual OR auto-reset type (Latching OR Non Latching)
- One NO C NC potential free relay contact per alarm
- Confidence flash
- 0 - 1 V and 4- 20 mA Recorder Output Relay Inhibit switches provided
- One Alarm High the other settable as Low Or High Alarm
- All Connections under Cable Entry Cover thru cable glands
- Status indicators for Alarm, Alarm Acknowledge, Relay Inhibit & Confidence flash
- **Calibration:** By Certified Calibration gas or Sensor output.

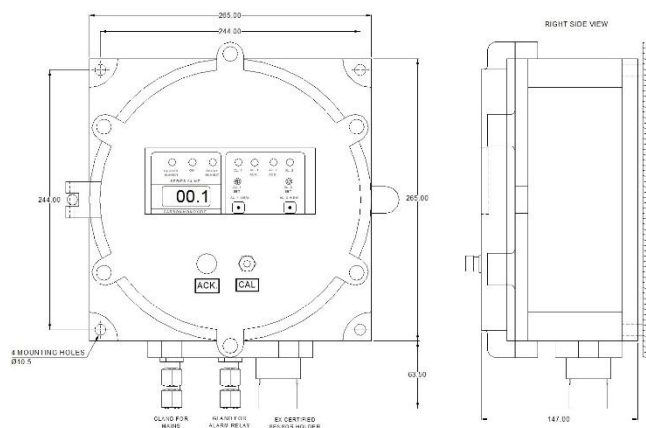
APPLICATIONS

Used for continuous surveillance at a single point monitoring of either toxic or flammable gases in work places or enclosed spaces in hazardous, explosive or toxic gas conditions & environments.

STANDARD SPECIFICATIONS

Display : 3 1/2 digit LED, 12 mm high.
Sensor : Electrochemical type
Expected life : Over 24 months. Pelistor for combustible gases.

EXPLOSIVE AREA SURVEILLANCE MADE EASY



TECHNOVATION® SERIES 94 EXP

STANDARD SPECIFICATIONS CONTINUED

Working Temp : 0 - 45 °C
Accuracy : + 5% at constant temp.
Overall size : 265 x 265 x 147 mm deep
Weight : 9 Kgs Approx
Recorder output : 0-1 Volt and 4-20 mA Relay
Ratings : 220V AC, 1A, resistive load
Power Supply : 220 VAC, 50 HZ.
Instrument Case : Certified explosion proof Aluminum housing Gas Groups II A & II B
Calibration : By Calibration gas or Sensor O/P
Gas & Range : Any one as in Table Below.

OPTIONS (Please Specify while ordering)

Alarms : Latching OR Non-Latching

Sensor Mounting

1. Sensor Cable of length to be specified. Max 50 meters
2. Sensor in flame proof Holder on instrument housing

GAS	RANGE	RESOLUTION	GAS	RANGE	RESOLUTION
O ₂	0 - 25 %	0.1%	O ₃	0 - 1 ppm	0.01 ppm
CO	0 - 1999 ppm	1 ppm	NO ₂	0 - 50 ppm	0.1 ppm
H ₂ S	0 - 199 ppm	0.1 ppm	HCN	0 - 30 ppm	1 ppm
SO ₂	0 - 20 ppm	0.1 ppm	NH ₃	0 - 100 ppm	1 ppm
CL ₂	0 - 50 ppm	0.1 ppm	PH ₃	0 - 1 ppm	0.01 ppm
FLAMABLE GASES	0 - 100 % LEL	1 % LEL	OTHER GASES & RANGES ON REQUEST		