



FEATURES

- Class 1, Group B, C, and D, Class 2, Group E, F, and G
- Long Life LEL Catalytic Sensor
- Two-Alarm setpoints Relays
- 3 year warranty
- Digital display, and 4-20mA analog output
- Wall mounting bracket

ST-46 LEL Explosion Proof Combustible Gas Monitor

ITEM #: ST-46

Product Summary

The ST-46 LEL Explosion Proof Combustible Gas Monitor is ideal for facilities that require continuous monitoring of toxic and corrosive gases in hazardous areas. The enclosure is specifically designed to prevent an explosion. The monitor is well suited for environments such as power plants, refineries, natural gas locations, and the oil and gas industry where combustible, toxic gases are present. The monitor is housed in a NEMA 4 explosion proof enclosure suitable for Class 1, Group B, C, and D, Class 2, Group E, F, and G. PureAire's durable, long-life LEL catalytic sensor will last 4-5 years in a normal environment without needing to be replaced.

Facilities That Need This Product

- *Refineries*
- *Power Plants*
- *Natural Gas Operations*
- *Laboratories*
- *Wastewater Treatment*
- *Oil and Gas*
- *Battery storage*
- *Paint Booths*

Why Choose PureAire?

PureAire Monitoring Systems, Inc. is an industry leader in oxygen monitoring and gas detection. For over 20 years, we have dedicated ourselves to the safety of our clients, and the customers they serve, by manufacturing monitors that are long-lasting, accurate, and reliable. PureAire takes pride in providing exceptional customer service along with 24/7 availability to our technical service department.

Why an LEL Explosion Proof Combustible Gas Monitor?

The ST-46 LEL Combustible Gas Monitor is designed for continuous monitoring where toxic, combustible gases are used, and the risk of an explosion pose a hazard to personnel.

What Gases Can Be Detected with an LEL Combustible Explosion Proof Gas Monitor?

PureAire's ST-46 LEL combustible gas monitor continuously measures levels of toxic, combustible gases such as acetylene, carbon monoxide, hydrogen, methane, propane, ethane, ethylene, natural gas, among others.

Set Up

The ST-46 LEL Combustible Gas Monitor incorporates a power up delay that holds the analog output at 4mA for one minute after power is applied. This allows the sensor to stabilize and reduces the possibility of triggering an erroneous alarm. The LCD continuously displays the gas concentration value.

Top Advantages of ST-46 LEL Combustible Gas Monitor



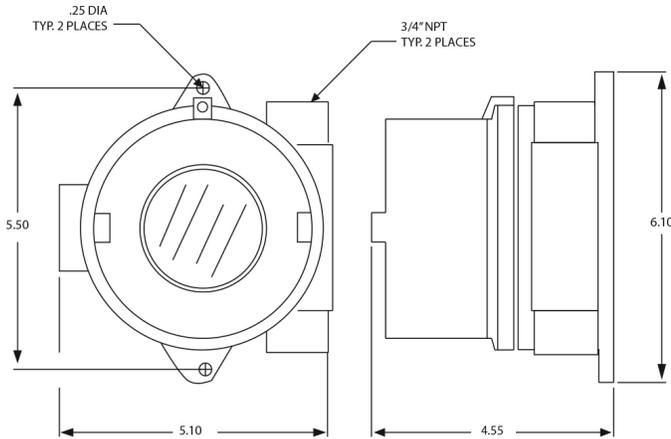
Gas Detector Alarms

PureAire's ST-46 LEL Monitor comes with 2 adjustable alarm set-points that can connect to a horn/strobe, exhaust fans, 8 channel controller, remote display, or into building systems. Alarm signals also can tie into automatic shut-off valves when gas levels reach an OSHA action level threshold.



Easy To Use

The ST-46 LEL Combustible Gas Monitor provides constant monitoring with little to no adjustments, saving you time and money while allowing the monitor to operate seamlessly.



Ordering Information

Item# Description

- 95105 - ST-46 Methane 0-100% LEL
- 95110 - ST-46 Hydrogen 0-100% LEL
- 95111 - ST-46 Hexane 0-100% LEL
- 95118 - ST-46 Ethanol 0-100% LEL
- 95120 - ST-46 Propane 0-100% LEL
- 95123 - ST-46 Acetylene 0-100% LEL
- 99127 - ST-46 Methanol 0-100% LEL

Top Accessories



8 Channel Controller for Gas Monitors

ITEM #: 99058



Remote Digital Display

ITEM #: 99091



Red Horn/Strobe 24VDC

ITEM #: 42002



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