

EXP-SNR-TG-EC-ITS-ALG-ALCH200

Explosion Proof Alcohol Sensor - 0-200 ppm - Electrochemical Transmitter - Analog Output

Product ID: 149462

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

EXP-SNR-TG-EC-ITS-ALG-ALCH200 Alcohol Sensor

Gas Type: Alcohol
Transmitter Type: Electrochemical Without Arms
Sensor Holder: Integral Holder
Output: Analog
PPM Detection Range: 0-200 ppm
Sensor Sensitivity: 120 Lm/W
Operational Temp Range: >-25° to +55°C
Operational RH Range: 0-95% Non-condensing
Housing: Cast Aluminum
Output Range: Scalable 4-20 mA

Features/Ratings

Class I, Divisions 1 & 2, Groups B, C, D
Alcohol Sensor
LCD Graphic Display
Non-Intrusive Magnetic Operation
Internal Data Logger

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

E-mail: sales@larsonelectronics.com

Made in the USA

The EXP-SNR-TG-EC-ITS-ALG-ALCH200 Explosion Proof Alcohol Sensor from Larson Electronics is a Class I, Division 1 explosion proof toxic gas transmitter fitted with an alcohol sensor, which offers users a unique sensor response testing system for hazardous locations. This testing system verifies response checks with real gas sample generated on demand and features an easy to see LCD graphics display, internal data logger, alarms and many additional features that simplify installation,

operation and maintenance. This explosion proof gas sensor is fitted with an alcohol sensor that detects 0-200 ppm.

The EXP-SNR-TG-EC-ITS-ALG-ALCH200 is configured to detect alcohol vapors at a range of 0-200ppm and includes an electrochemical transmitter, an integral sensor holder and non-digital output. An LCD graphics display shows gas concentrations in large, easy to read numbers and also provides operators with alarm indication and menus to set up operating parameters. A backlight is available for use when 3-wire mode is used. This sensor also includes an internal data logger which stores measured gas values at intervals chosen by the user, which can be pulled up on the LCD screen at any point or downloaded using an interface.

This alcohol sensor offers non-intrusive operation, allowing operators to calibrate, view data, set up alarms and complete other tasks with a magnetic tool, eliminating the need to open the sensor's enclosure. All program settings are password protected. Also included with this sensor is a scalable 4-20 mA programmable output range, three internal alarm relays transmitter, and analog output set to user defined values for loop testing without needing to apply gas to the sensor.

The EXP-SNR-TG-EC-ITS-ALG-ALCH200 is built with cast aluminum housing, ideal for detecting gas leaks and other emissions and as a control system for oil rigs, manufacturing processes and other hazardous locations where explosive gases are present.

The EXP-SNR-TG-EC-ITS-ALG-ALCH200 is fitted with an alcohol sensor, which plugs directly to the transmitter. This gas sensor is used to detect a wide variety of hydrocarbon gases, which can be calibrated by the user based on application. This gas detector contains a sensor, amplifier and memory module in one unit, allowing it to be calibrated independently and plugged into any detector for immediate use with no adjustments needed.

Applications: Alcohol level monitoring, gas monitoring, hazardous locations, chemical processing plants and more.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.



Frequently Asked Questions (FAQ)











EXP-SNR-TG-EC-ITS-ALG-ALCH200

Product ID: 149462

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Operations Manual](#)
- [SpecSheetSpanish](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)