

EXP-SNR-TG-EC-ITS-ALG-E50

Explosion Proof Ethanol Sensor - 0-50 ppm - Electrochemical Transmitter - Analog Output

Product ID: 267313

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



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EXP-SNR-TG-EC-ITS-ALG-E50 Ethanol Gas Sensor

Gas Type: Ethanol
Transmitter Type: Electrochemical Without Arms
Sensor Holder: Integral Holder
Output: Analog
PPM Detection Range: 0-50 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
Voltage Range: 10-30VDC

Features/Ratings

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

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The EXP-SNR-TG-EC-ITS-ALG-E50 Ethanol Sensor, is a Class 1 Division 1 explosion proof toxic gas transmitter fitted with a sensor, that offers users a unique sensor response testing system, reliable in 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 may additional features that simplify installation, operation and maintenance. This explosion proof gas

sensor is Class I, Divisions 1 & 2 certified and is fitted with an ethanol sensor that detects 0-50 ppm. The EXP-SNR-TG-EC-ITS-ALG-E50 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-E50 ethanol sensor that is configured to detect ethanol vapors 0-50ppm, 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 ethanol sensor has 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-E50 is fitted with an ethanol sensor, which plugs directly to the transmitter. This sensor is used to detect a ethanol 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.

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Frequently Asked Questions (FAQ)







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Export Control Classification Number (ECCN): EAR99

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