

EXP-SNR-TG-EC-ITS-ALG-RS.6-HC200

Explosion Proof Hydrocarbon Gas Sensor - 0-200 ppm - Electrochemical Transmitter - Analog Output - Remote Sensor

Product ID: 235422



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-RS.6-HC200 Hydrocarbon Gas Sensor

Gas Type: Hydrocarbon (Methane, Butane, Propane, Pentane)

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

Remote Mounting: 6' Cord between Sensor & Meter for Remote Mounting

Features/Ratings

Class I, Divisions 1 & 2, Groups B, C, D

HC Sensor

LCD Graphic Display

Non-Intrusive Magnetic Operation

Internal Data Logger

6' Cord Between Sensor & Meter

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The EXP-SNR-TG-EC-ITS-ALG-RS.6-HC200 from Larson Electronics is a Hydrocarbon Gas Sensor that is rated for use in Class I Divisions 1 & 2 explosion proof areas. This toxic gas transmitter is fitted with a remote sensor that offers users a unique sensor response testing system that is 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 a hydrocarbon sensor that detects 0-200 ppm. The EXP-SNR-TG-EC-ITS-ALG-RS.6-HC200 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 sensor on this unit can be mounted remotely from the meter. The 6` cord between the sensor and meter allows for them to be mounted separately depending on mounting requirements.

The EXP-SNR-TG-EC-ITS-ALG-RS.6-HC200 toxic gas sensor that is configured to detect hydrocarbon vapors of Methane, Butane, Propane, or Pentane within a 0-200ppm (parts per million) concentration, 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 hydrocarbon 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.

Remote Mounting: A six foot (6`) cord between the meter and the sensor allows for operators to mount the sensor remotely from the meter offering great flexibility in mounting options for a variety of locations and requirements.

The EXP-SNR-TG-EC-ITS-ALG-RS.6-HC200 is fitted with a hydrocarbon gas 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.

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)