Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

ATEX-EXP-SNR-TG-CGV-CCS-LV

Combustible Gas and Vapor Transmitter - 15-30V DC - Catalytic Combustion Sensor - ATEX Rated

Product ID: 222074

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.

ATEX-EXP-SNR-TG-CGV-CCS-LV Catalytic Combustion Gas Sensor

Gas Type: Combustible Gases and Vapors
Dimensions: 3.93" x 7.59" x 2.16"
Weight: 1.78 lbs
Voltage: 15-30V DC
Output Signal: 4-20mA
Response Time: t90 = 12 Seconds
Detection Method: Catalytic Combustion
Detection Range: 0-100% LEL, 0-50% LEL
Expected Sensor Life: 3-5 Years
Ambient Operating Temperature: -20°C - +50°C
Wiring: Terminals
Wiring Size: (3) 0.75", (3) 1.5" - Shielded Cable
Color: Black

Features/Ratings

Ex II 2 G EEx dem [ib] IIC T4
BVS 04 ATEX E 132 X
BVS 05 ATEX G 001 X
Type Class I Radio Shielding
Type Class II Interference Resistance
IP64

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

The Larson Electronics ATEX-EXP-SNR-TG-CGV-CCS-LV Combustible Gas and Vapor Transmitter is suitable for detection of flammable substances in explosive environments. This ATEX-rated unit utilizes catalytic combustion principle for accurate detection of combustible gases and vapors. The sensor is compatible with 15-30V DC and offers an output signal range of 4-20mA.

The ATEX-EXP-SNR-TG-CGV-CCS-LV is an ATEX-rated catalytic combustion sensor designed to detect flammable gases and vapors. This device operates on 15-30V DC and provides a 4-20mA output signal. Equipped with a 0-100%, 0-50% LEL detection range, the sensor features an expected lifespan of 3-5 years. Wiring is facilitated by four terminal ports. Upon detection of flammable gas or vapor in the area, operators may view the device for accurate readings.

For best results, the combustible sensor should be mounted at heights based on the density of the target gas or vapor. Examples of combustible gases and vapors for detection: Acetone, Acetylene, Butane, Hydrogen Chloride, Hydrogen Cyanide, Diethyl Ether, Ethanol, Landfill Gas, Helium, Methane, Carbon Monoxide, Xylene and more.

Suggested Applications: Flammable facilities, hazardous locations, inspections, safety, combustible gas detection, oil and gas, petrol, chemical processing 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.

Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.498.3364

Frequently Asked Questions (FAQ)

ATEX-EXP-SNR-TG-CGV-CCS-LV

Product ID: 222074

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **HigResPic1**
- **Video1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**