



EXP-SNR-COS-300-2XR

Explosion Proof Carbon Monoxide Sensor C1D1, 0-300 ppm - Electrochemical Transmitter - Analog/Digital Output - (2) Relays

Product ID: 322195

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-COS-300-2XR Sensor

Listing: United States and Canada

Dimensions: 8.5"H x 5.2"W x 4.5"D

Weight: -

Gas Type: Carbon Monoxide

Transmitter Type: Electrochemical

Voltage: 10-30V DC

PPM Detection Range: 0-300 ppm

Resolution: 1 ppm

LDL: 2% of Full Scale

Max Current Draw: 125 mA w/ Alarm and Alarm 2 Active and All Relays Energized

Response Time: 90 Seconds or Less

Accuracy: $\pm 5\%$ of Reading or ± 5 ppm CO

Alarms: (2) Fully Programmable Alarm, Set Points, Increasing, Decreasing, Latching, Self-resetting, Delays, NE or DE

Alarm Indicator: Visual LEDs

Relays: 5A Form C Contacts

Output: Analog and Digital

Controls: Magnet for Calibration Functions

Operational Temp Range: -5° to 40°C

Operational RH Range: 5-95% Non-condensing

Housing: Cast Aluminum, Powder Coated Finish

Mount: -

Wiring: -

Features/Ratings

Class I, Division 1 , Groups B, C, D

NEMA 4X

Special Orders - Special Requirements

Contact us for special requirements

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Made in the USA

The EXP-SNR-COS-300-2XR from Larson Electronics is an Explosion Proof Carbon Monoxide Sensor that is rated for use in Class I, Division 1 areas. This gas sensor operates on 10-30V DC and features a NEMA 4X rating for installation in rugged environments.

The EXP-SNR-COS-300-2XR sensor is configured to detect carbon monoxide within a 0-

300ppm (parts per million) concentration. This unit is equipped with two programmable alarm relays and analog/digital outputs. Operators can connect this sensor to controllers, PLC or DCS. A magnet is used to calibrate the device. A digital display enables real-time monitoring of gas concentration, alarms and status.

The explosion proof sensor is protected by a powder coated cast aluminum housing with a NEMA 4X rating.

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)

There are no Faqs



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Links (Click on the below items to view):

- **Video1** (<https://www.youtube.com/watch?v=4T81ik8jHmg>)
- **Video2** (<https://www.youtube.com/watch?v=LCYOu15ez4s>)
- **ISO 9001 Certification** (<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate** (<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
- **Shipping Time Map** (<https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf>)