



## **DETECTION - REMOTE SENSOR SERIES CS-RS-CO, SERIES CS-RS-NO<sub>2</sub>**

The CS-RS is a product that has many years of research and innovative technological development. The CS-RS is an advanced microprocessor-based system featuring a high quality sensor, a unique high-tech enclosure, and all the necessary characteristics to provide continuous, effective, and fully integrated monitoring of toxic and combustible gases.

### **CHARACTERISTICS:**

**Two Alarm Levels  
8-Step Led Display**

**Calibration Status Warning  
Innovative & Attractive Case Design**

### **TECHNICAL DATA:**

**Dimensions:  
Power Requirements:**

**8.09" (H) x 5.87" (W) x 2.65" (D)  
24 Vac nominal (17-27 VAc), 50/60 Hz, 0.4A:  
24 Vda nominal (20-38 Vdc)**

**Relay Output:  
Communications:  
Operating Environment:**

**1 DPDT relay, 5A @ 250 Vac; 5A @ 30 Vdc  
RS485 Modbus; BACnet MS-TP master  
Commercial, Indoor, Extreme Temperature  
Environments**

**Operating Temperature:  
Display:  
Visual Indicators:**

**NO<sub>2</sub>: -4 F to 122 F; CO: -4 F to 122 F  
8 character, 2 line backlit LCD**

**Green LED: Power  
Amber LED 1: Alarm/Fault  
Amber LED 2: Alarm/Fault**

**Audible Alarm:  
Accuracy:  
Application:**

**85 dBA @ 3 m (10-ft.)  
+/- 3% of full scale @ 25 C  
CS-RS-CO: Detection of Carbon Monoxide  
Fumes from Gas Powered Vehicles  
CS-RS-NO<sub>2</sub>: Detection of Nitrogen Dioxide  
Fumes from Diesel Powered Vehicles**

**\* Note: Shipped with a 24/110 volt transformer.  
Transformer to be housed in an enclosure (by others).**