

**DUAL STAND ALONE
DETECTION SYSTEM WITH REMOTE SENSOR
FDS-SA-CO-NO2**

The stand alone FDS-SA-CO-NO2 gas detector continuously monitors for carbon monoxide with an on-board carbon monoxide (CO) electrochemical sensor. A second remote sensor can be installed to monitor for carbon monoxide, nitrogen dioxide, propane, hydrogen, or methane. The advanced micro-processor-based FDS-SA-CO-NO2 system features a high-quality controller, reliable sensing technology, and a high-tech durable enclosure.

KEY FEATURES - BENEFITS

- Dual gas detection capability
- Energy saving programmable time delay function
- Two dedicated relays providing added flexibility
- Two alarm levels (low/high) per sensor with independent SPDT fail-safe relays per alarm level
- Visual and audible alarm (at high level) indicators
- State-of-the-art sensing technologies
- Calibration status warning
- Easy to install and operate
- Innovative and attractive enclosure design



- * Conforms to UL Standard 1244
- * Note: shipped with a 24/110 volt transformer.
Transformer to be housed in an enclosure (by others).

TECHNICAL DATA:	
Dimensions:	8.09" (H) x 5.97" (W) x 2.65" (D)
Power Requirements:	24 Vac nominal (17-27 VAc), 50/60 Hz, 0.4A: 24Vda nominal
Optional Main AC Input:	120 Vac nominal, +/- 10% (with on board transformer)
Relay out put:	2 DPDT relays, 5A @ 30 Vdc
Communications:	4-20mA
Operating Environment:	Commercial, Indoor, Extreme Temperature Environments
Operating Temperatures:	Environments NO2 : -4 F to 122 F; CO: -4 F to 122 F
Sensor Type:	Electrochemical cell (CO, NO2)
Display:	8 character, 2 line backlit LCD
Visual Indicators:	Green LED: power Amber LED 1: Alarm/Fault Amber LED 2: Alarm/Fault
Audible Alarm:	85dba @ 3 m (10-ft.)
Accuracy:	+/- 3% of full scale @ 25 C

Detected Gas	Relative Density (air = 1)	Installation Height	Coverage Radius
CO (Carbon Monoxide)	0.968	3-5 ft. from floor	50 feet unimpeded
NO2 (Nitrogen dioxide)	1.58 (cold)	1-3 ft. below ceiling	50 feet unimpeded

* Verify compliance with Local & National codes is recommended. Please confirm if explosion proof sensors are required. Standard sensors are NOT explosion proof.

Alternate sensor packages available, contact factory for Pricing.