



SCS2 Setpoint Monitors provide reliable self contained gas detection, available in one or two sensor versions. The SCS2 is suitable for occupational health and safety monitoring applications because it now features an integral electrochemical CO sensor. It can also have an integrally mounted NO2 sensor.

The standard housing is rugged PVC and an optional watertight housing is available to suit different applications.

Gases Detected:
CO, NO2, Combustible gases, refrigerants

For detection of other gases, any CET analog transmitter can be remotely mounted and connected to the SCS2 setpoint monitor.

Applications:

Vehicle exhaust - parking garages, repair shops
Fire Halls & Ambulance Bays
Chiller Rooms

SCS2 features:

- 4 alarm contacts - 2 relays
- audible alarm
- LED indicators for power and alarm status
- temperature compensation
- selectable time delays on alarm
- settable delay on audible alarm activation

Calibration and maintenance procedures are simple and are easily performed in the field.

SCS2 Setpoint Monitors

SENSOR LOCATION

| | |
|-------------------------------|---|
| Single Integral Sensor | A |
| Single Remote Sensor | B |
| Dual: 1 integral and 1 remote | D |
| E type: 2 Integral sensors | E |

CHANNEL 1 SENSOR

Carbon Monoxide (CO)

SENSOR TWO

Integral
Nitrogen Dioxide (NO₂)

Remote
Combustible gases
Refrigerants
R11, R12, R22, R134A, R507

REMOTE SENSOR

Use any ATW series transmitter for remote sensor applications

OPTIONS

| | |
|----------------------|---|
| 120 VAC | A |
| 240 VAC | B |
| Splashguard | S |
| Watertight enclosure | W |

CONTROLLER SPECIFICATIONS

STANDARD ENCLOSURE

| | |
|----------|--|
| Size | 8.8" x 11" x 3.6" 223 mm x 292 mm x 90 mm |
| Weight | 1.2 pounds 540 grams |
| Material | Rugged Drip proof PVC |

OPTIONAL WATERTIGHT ENCLOSURE

| | |
|----------|---|
| Size | 9" x 10.5" x 6" 230 mm x 265 mm x 150 mm |
| Weight | 3.5 pounds 1.6 kg |
| Material | Fiberglass |

POWER REQUIREMENT

24 VAC or VDC nominal
Optional 120 VAC or 240 VAC

INDICATION

| | |
|---------|---|
| Visual | LED indication for Power, Fault, Low Gas Alarm, High Gas Alarm |
| Audible | Integral audible alarm rated 80 dB at 10' |

RELAYS

Two DPDT dry contact relays, rated 5 amps @ 240 VAC
Delays ON (on make) and OFF (minimum run time)

OPERATING ENVIRONMENT

| | |
|-------------|---|
| Temperature | -20 to +40 degrees C -5 to 104 degrees F |
| Humidity | 0 to 95% non-condensing |

FUSES

Automatic resetting thermal

CERTIFICATIONS

CSA / UL