

# Sensoronics

## DEVICE OPERATING SPECIFICATIONS

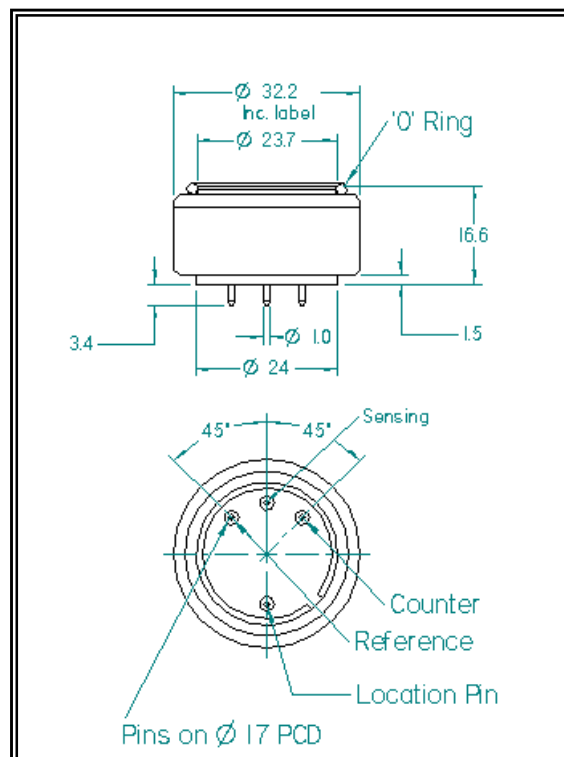
**Description:** Carbon Monoxide Sensor

Specification No.: SS-70CO

Direct Replacement for: CiTicel 7E

### Operating Parameters

Nominal Range:	0 - 100 ppm
Maximum Overload:	0 - 500 ppm
Expected Operating Life:	24 months in air
Output:	$0.10 \pm 0.02 \mu\text{A/ppm}$
Resolution:	0.5 ppm
Temperature Range:	$-20^{\circ}\text{C}$ to $+50^{\circ}\text{C}$
Pressure Range:	Atmospheric $\pm 10\%$
T90 Response Time:	$\leq 25$ seconds
Relative Humidity Range:	15 to 90 % non condensing
Typical Baseline Range:	-1 to +3 ppm equivalent (pure air)
Maximum Zero Shift:	9 ppm equivalent ( $+20^{\circ}\text{C}$ to $+40^{\circ}\text{C}$ )
Long Term Output Drift:	$< 5\%$ signal loss/month
Recommended Load:	10 $\Omega$
Bias Voltage:	none required
Output Linearity:	Linear



### Physical Characteristics

Position Sensitivity:	None
Storage Life:	6 months in container
Storage Temperature:	$0 - 20^{\circ}\text{C}$
Warranty:	24 months from date of shipment

Revision: B  
CO: 520  
Date: 10-31-01

Approved By: \_\_\_\_\_

Form F4.5-5 Rev: A

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