

# Carbon Monoxide Detector: CO530 SERIES

## Carbon Monoxide Detector:

CO530 serie alarms is single and multiple station carbon monoxide alarms, intended for protection in ordinary indoor locations of dwelling units, including recreational vehicles, mobile homes, and recreational boats with enclosed accommodation spaces and cockpit areas. CO530 with relay intended for monitoring the environment and intended for open area protection and for connection to a compatible power or control unit for operation as part of CO detection or emergency signaling system, or intended for control of Ventilation or shut off devices such as fans or control valves. The unit is designed for DC wire-in application, The gas alarm can be mounted on ceiling or wall.



## Product Features:

- To detect CO gas (Carbon Monoxide)
- Sensitivity can be calibrated into either UL2034 or EN50291 standards
- Figaro semiconductor sensor heads with UL approval for CO detection
- Advanced detection and discrimination algorithms
- Easy installation and maintenance, Sleek low-profile housing design
- SMD circuit board design
- Magnet test feature
- Sounding a loud alarm signal of exceeding 85db in alarm mode
- Five-year limited warranty

## Product Specification:

Model	Gas Monitored	2/4 Wire	Operating Voltage	Output	Standby Current 12V /24V	Alarm Current 12V/24V	Base Model No.
CO530	Carbon Monoxide	-	12~24V/dc	-	85mA / 50mA	80mA/50mA	P/N852001
CO530R	Carbon Monoxide	4	12/24V dc	Relay	85mA / 50mA	80mA/ 50mA	P/N854001

## Technical Specification:

Unit Dimensions: 98mm (Diameter) x 47 mm (Height)  
Operating Temperature: -10°C to +50°C  
Ambient Humidity: 5%~95% RH  
Alarm Horn: >75dB with Auto-reset at 3m (10 feet)  
Relay Rating (if available): NO or NC operation, Rating: 1.0A@30VDC/0.5A@125VAC (resistive load)  
Power Consumption: 2W  
Time to alarm: 70ppm within 75minutes, 150ppm within 35 minutes, 400ppm within 10minutes  
Notice: the sensitivity can be calibrated according to UL or EN standard  
Weight: 170g with base