

AGSCOPS Datasheet

Carbon Monoxide ParkSafe Detector



24VDC Power Input



**Used With The
 ParkSafe Controller**



**Traffic Light
 Indicator Display
 Changes Color
 Dependent On Gas
 Levels**



**BMS
 Communications**



**Modern & Compact
 Design**



**Up To 16 Detectors
 Can Be Linked Together**



**Plug & Play
 Installation**

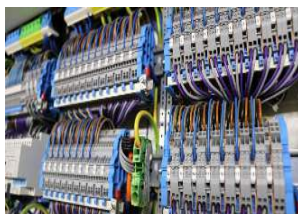


**End of Operational Life
 & Annual Service
 Notifications to
 ParkSafe Controller**

Product Overview

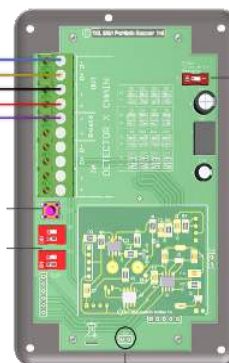
The AGS PS range of detectors work in combination with the AGS ParkSafe, a Gas Detection & Ventilation Controller specifically designed for Parking Garage CO & NO₂ monitoring. The AGSCO2PS features a electrochemical sensor for industrial and commercial indoor applications. Compact, modern, digital design makes the units aesthetically pleasing and easy to install.

Popular Applications



Detector Chain Terminals
 Power & Data Connections
 Wire Size: 14-18AWG

Circuit Simulation Test Button
 ID Switch Configuration



Service Message Reset Header.

Chain Termination Resistor
 Used to select the first and last
 device in the chain

Technical Specification

General							
Model:		ParkSafe Detector					
Gases:		Carbon Monoxide					
Size: (H x W x D)		4.92 x 3.15 x 1.38"					
Housing Material:		ABS					
Mounting:		Wall Mounting – No limits - Non-Hazardous Areas					
Weight:		1.6oz					
User Interface							
Display:		LED					
Visual Indicators:		Power / Alarm / Fault					
Audible Alarm:		None					
Power Supply							
Power Consumption:		15mA Max @ 24Vdc					
DC Power:		12-32Vdc (24vdc Nominal)					
Internal Fuse:		N/A					
Equipment							
Pollution Degree:		2					
Equipment Class:		2					
Environmental							
Ingress Protection:		Not Formally Evaluated					
Operating:		-10 ~ 50°C / 14 ~ 122°F 30 ~ 80% RH (non-condensing)					
Storage:		-25 ~ 50°C / -13~122F° up to 95% RH (non-condensing)					
Altitude Rating:		2000m					
Wiring							
Typical		Copper 18AWG (0.75mm2) Min. 8x screw terminals.					
Other							
Communication		RS485 MODBUS RTU					
Sensor Specification							
Factory Calibration Conditions		25° ± 5°C - 77° ± 41°F (40-70% RH)					
Sensor Type		Electromechanical					
Gas Sensor	Measuring Range (ppm)	Calibration Gas	Response (T90)	Recovery (T10)	Alarm: 1 (Pre alarm warning)	Alarm: 2	*EOL (Years)
Carbon Monoxide (CO)	0-1000ppm	120ppm CO	<60s	<50s	▲ 25ppm	▲ 100ppm	5



Area of coverage

Consider the coverage required and function of the area. Emphasis should be placed on airflow patterns and correct placement, not perceived detecting ranges.

The AGSCOPS monitor should be installed approximately 4-5ft from the ground level.

Find out more

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