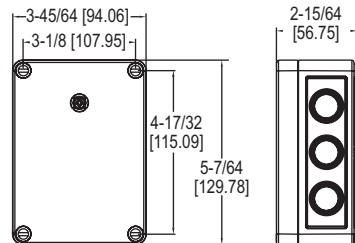


# CARBON MONOXIDE TRANSMITTER AND SWITCH

## Current/Voltage Selectable Output, Jumper Selectable SPDT Relay Contact



The **Series CMS300 Carbon Monoxide Transmitter and Switch** provides a field selectable current or voltage output that is proportional to the carbon monoxide concentration in underground parking garages, vehicle maintenance facilities, or mechanical rooms. An integral relay can be used for alarm conditions and is configured with preset jumper selectable ranges of 25, 60, or 150 PPM. Field calibration can be done by using Model GCK-200CO-2000CO2 calibration gas, Model A-507 calibration adapter, and the on board zero and span potentiometers.

### FEATURES/BENEFITS

- Field selectable current or voltage analog outputs
- Integral SPDT relay contact for low or high alarm
- Jumper selectable alarm set points of 25, 60, or 150 PPM
- UL recognized carbon monoxide sensing element
- Field calibration kits

### APPLICATIONS

- Garage or loading dock ventilation
- Vehicle maintenance facilities
- Mechanical room monitoring

SPECIFICATIONS	
<b>Sensor:</b> Electrochemical, 5 years typical lifespan.	<b>Housing:</b> UV resistant glass filled polycarbonate.
<b>Range:</b> 0-300 PPM.	<b>Analog Output:</b> Jumper selectable 4-20 mA (loop powered) or 2-10 V (max. load 2K Ω).
<b>Output Drift:</b> <5% per year in air.	<b>Enclosure Rating:</b> IP64.
<b>Temperature Effect:</b> ±2% over range.	<b>Weight:</b> 1 lb (0.45 kg).
<b>Coverage Area:</b> 7,500 ft <sup>2</sup> (700 m <sup>2</sup> ) or 50 ft (15 m) radius.	<b>Switch Type:</b> Single-pole double-throw (SPDT).
<b>Accuracy:</b> ±5 PPM or 5% of reading for 0-300 PPM (whichever is greater).	<b>Electrical Rating:</b> 30 VAC/VDC. N/O = 5 A. N/C = 3 A.
<b>Resolution:</b> 1 PPM.	<b>Set Point:</b> Jumper selectable 25, 60, or 150 PPM.
<b>Temperature Range:</b> -4 to 122°F (-20 to 50°C).	<b>Set Point Differential/Hysteresis:</b> 3% of scale.
<b>Storage Temperature:</b> For best sensor life, 32°F to 68°F (0 to 20°C).	<b>Relay Action:</b> Factory set for direct acting.
<b>Humidity Range:</b> 15-90% RH constant; 0-99% RH intermittent.	<b>Agency Approvals:</b> Sensor is UL recognized component for ANSI/UL-2034, UL-2075, E340403, CE.
<b>Response Time:</b> <45 seconds to 90% of final value.	
<b>Calibration:</b> 15 turn span and zero adjustment potentiometers.	

ACCESSORIES		
Model	Description	Price
GCK-200CO-2000CO2	Calibration gas	\$367.00 (N)
A-507	Calibration adapter	52.00 (N)
(N) Items are net priced and are not subject to any discount.		

MODEL CHART		
Model	Description	Price
CMS300	Carbon monoxide transmitter and switch	\$155.00