The Series GSTA Carbon Monoxide/Nitrogen Dioxide Transmitters monitor the gas concentration in underground parking garages and loading docks. Carbon monoxide is commonly used to measure the exhaust of gasoline engines, while nitrogen dioxide is used for diesel engines. Field selectable current and voltage outputs allow the transmitter to be used with almost any building management controller. For carbon monoxide units, the user can select the output range to be from 0 to 50 ppm up to 0 to 500 ppm. Nitrogen dioxide units come with a standard 0 to 10 ppm range. The output can be inverted to read 20 to 4 mA or 10 (5) to 0 V DC using internal dip switches.

To maximize the accuracy of the Series GSTA, the sensor can be field-calibrated using the A-449 remote LCD display. When the sensor reaches the end of its life, the display will indicate that the sensor needs to be replaced.

### Accessories

- **A-449**, Remote LCD Display
- **A-505**, CO Replacement Sensor
- **A-506**, NO₂ Replacement Sensor
- **A-507**, Calibration Adapter

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Gas Sensed</th>
<th>Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>GSTA-C</td>
<td>CO</td>
<td>Wall</td>
</tr>
<tr>
<td>GSTA-N</td>
<td>NO₂</td>
<td>Wall</td>
</tr>
<tr>
<td>GSTA-C-D</td>
<td>CO</td>
<td>Duct</td>
</tr>
<tr>
<td>GSTA-N-D</td>
<td>NO₂</td>
<td>Duct</td>
</tr>
</tbody>
</table>

Span and Zero Adjustment: Via pushbutton, using optional A-449 display.

Housing: UV resistant glass filled polycarbonate.

Output: Switch selectable 4 to 20 mA (loop powered), 0 to 5 V @ 5 mA, or 0 to 10 V @ 5 mA; Switch selectable 0 to 5 V / 1 to 5 V and 0 to 10 V / 2 to 10 V; Switch selectable normal or reverse output.

Power Supply: Current output=10 to 35 VDC, Voltage output=15 to 35 VDC or 15 to 29 VAC.

Electrical Connection: Removable terminal block, knocout for conduit fitting.

Calibration: Via pushbuttons using A-449 auxiliary display. Span gas concentration is field selectable.

Weight: 1 lb (.45 kg).

Agency Approval: CE.

---

**Carbon Monoxide Transmitter**

Current/Voltage Selectable Output, 200 PPM Range

The Model CMT200 Carbon Monoxide Transmitter provides a field selectable current or voltage output that is proportional to the gas concentration in underground parking garages, vehicle maintenance facilities, or mechanical rooms. A field replaceable, electrochemical sensor provides accurate readings for up to 4 years with proper calibration. Field calibration can be done by using Model GCR-200CO-2000CO2 calibration gas, Model A-507A calibration adapter, and the on board span and zero potentiometers.

**Model CMT200, Carbon Monoxide Transmitter**

### Accessories

- **Model GCR-200CO-2000CO2**, Calibration Gas
- **Model A-507A**, Calibration Adapter
- **Model A-505A**, Replacement CO Sensor

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Sensor</th>
<th>Life Span</th>
<th>Output</th>
<th>Accuracy</th>
<th>Response Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO</td>
<td>Field replaceable electrochemical</td>
<td>4 years typical</td>
<td>0 to 200 ppm</td>
<td>±2% of reading at the time of calibration</td>
<td>&lt;45 seconds to 90% of final value</td>
</tr>
<tr>
<td>NO₂</td>
<td>4 years typical</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Calibration: 15 turn span and zero adjustment potentiometers.

Housing: UV resistant polycarbonate.

Output: Jumper selectable 4 to 20 mA (loop powered) or 2 to 10 V (load must be >50 KΩ).

Power Requirements: Current Output: 18 to 28 VDC; Voltage Output: 18 to 28 VDC/VAC, reverse polarity protected.

Electrical Connection: Removable terminal block, includes two PG1 and one PG 16 knockouts for conduit fitting.

Weight: 0.28 lb (0.11 kg).

Agency Approvals: CE.