

Carbon Monoxide 100ppm Sensor Data Sheet

Sensor response may slightly vary from sensor to sensor. All sensor cells can experience changes in output if exposed to rapidly changing temperature and humidity. Ensure sensors are not exposed to areas that are subject to changes in humidity and temperature.

All sensors are shipped pre-calibrated and should be gas calibrated if in use beyond 12 months.

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| Gas Measured | Carbon Monoxide (CO) |
| Sensor Module Part Number | CDS-07C056 (formerly CDS-07C050) |
| Sensor Type | Electrochemical |
| Range | 0 – 100 ppm |
| Minimum Alarm Set Point | 10 ppm |
| Lower Detectable Limit | 5 ppm |
| Response Time | < 45 Seconds at 3-meter tubing length |
| Repeatability | +/-5% |
| Sensor Module Life Expectancy | 3 years with annual calibration |
| Calibration Gas | CO |
| Challenge Gas | CO |
| Humidity Operating Range | 30-85% RH (Steady State) |
| Temperature Operating Range | -5° to 40° Celsius (Steady State) |
| Warm Up Time | <5 Minutes |
| Storage Temperature | +5° to 25° Celsius |

Cosmos sensors have excellent specificity to target gases. Even at a high level of specificity, sensors may encounter cross interferences to other gases. This can result in gas readings from exposure to non-target gases. Refer to the "Interferences Gases Table" for this data.

For more information on sensors, pricing and availability, please contact DOD Technologies, Inc. at 815-788-5200 or solutions@dodtec.com.