



GWNx/AGxx CO/NO₂ Sensor Location and Coverage



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Introduction

The GWNx Series platform, along with the AG01 carbon monoxide (CO) sensor or AG02 nitrogen dioxide (NO₂) sensor, offers a convenient means for sensing gases in the environment. The GWNx is mounted to a single-gang electrical box and wired to the building controller. A single AG01 or AG02 sensor (sold separately) is installed in the GWNx. With this design, there is no need for costly new installation when a sensor reaches the end of its life. The GWNx platform remains installed and the installer simply opens the GWNx housing to replace the modular sensor inside, reducing labor costs and downtime.



GWN Gas Sensor Platform & GWNP Protocol Gas Platform for Gas Sensors

Installation Guidelines

The figure on page 3 shows a typical distribution of sensors in a parking garage.

Each sensor should be installed approximately five feet above the floor and can cover approximately 5,000 to 7,500 square feet of open space (5,000 square feet equals a circular radius of approximately 40 feet).

Note: It is important to check your local building code for sensor location and coverage requirements prior to installation.



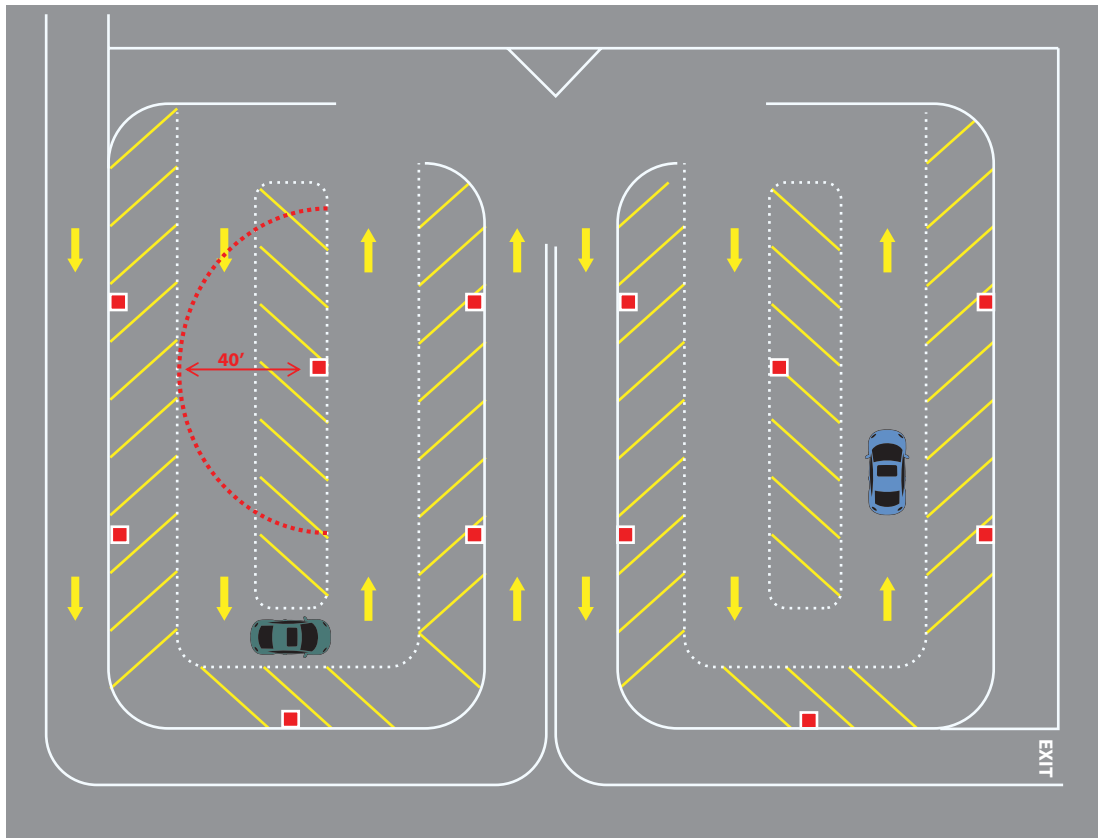
AG01 CO sensing element



AG02 NO₂ sensing element

The information provided herein is intended to supplement the knowledge required of an electrician trained in high voltage installations. There is no intent to foresee all possible variables in individual situations, nor to provide training needed to perform these tasks. The installer is ultimately responsible for ensuring that a particular installation remains safe and operable under the specific conditions encountered.

Installation Example



■ = GWNx Series platform + AGO1 or AGO2 sensor unit

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