



## SafetyWorx EECOS - CO Detector



The ETTER Engineering SafetyWorx EECOS-120 and EECOS-024 are dual relay gas detectors, controllers, and transducers. They are electronic detectors used to measure the concentration of carbon monoxide (CO) and provide feedback and automatic control to help reduce CO concentrations in parking garages, maintenance facilities, or other commercial or institutional applications.

The EECOS-120 is line voltage powered and utilizes an internal switching power supply that is capable of using line voltage between 100 and 240VAC and 50-60HZ. The EECOS-120 has a selectable 4-20mA output, buzzer, and digital display option. The EECOS-120 is a low level meter capable of displaying from 0-200 ppm of Carbon Monoxide.



The EECOS-024 is a low voltage, dual relay Carbon Monoxide (CO) detector, controller, and transducer. The EECOS-024 has selectable 4-20mA output, buzzer and digital display options. The EECOS-024 is a low level meter capable of displaying from 0-200 ppm of Carbon Monoxide.



### Installation:

- Mounts on a standard 4" x 4" electrical box
- 5A Form "C" SPDT fan relay controls valves, louvers or exhaust fans
- 0.5A N.O. or N.C. alarm relay connects to warning devices or control panels
- 4-20mA current loop
- Factory calibrated, ETTER can provide annual calibration services or calibration kits as needed



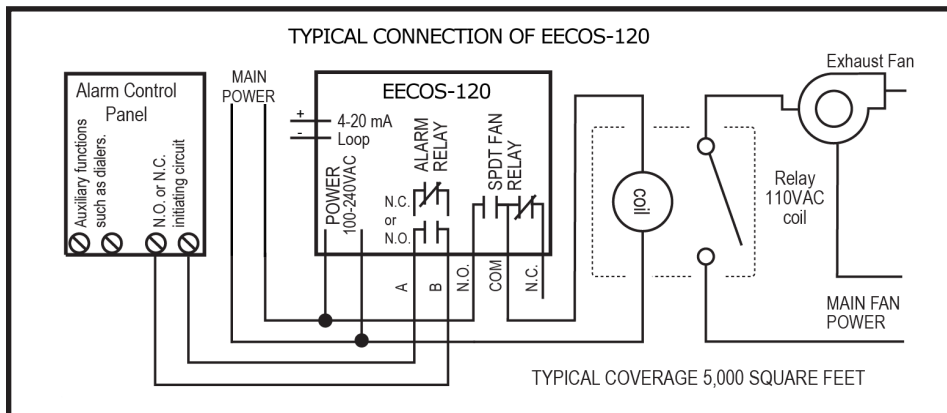
## EECOS-120 Specifications:

- Power: 120-240VAC (50 to 60 HZ)
- Current: 1.0A MAX
- Size: 4 1/2 x 4 1/2 x 2 1/8 in.
- Shipping Weight: 1 pound
- Connections: plugs/terminals
- Current Loop: 4-20mA for 0-200 PPM CO
- Mounting Box (not included): 4x4 electric
- Alarm relay: 0.5A 120V, 60VA
- Alarm relay actuation: selectable N.O. default or N.C.
- Alarm relay settings: selectable within sensor range
- Operating Environment: 0°F to 125°F. 10 to 90% RH non-condensing



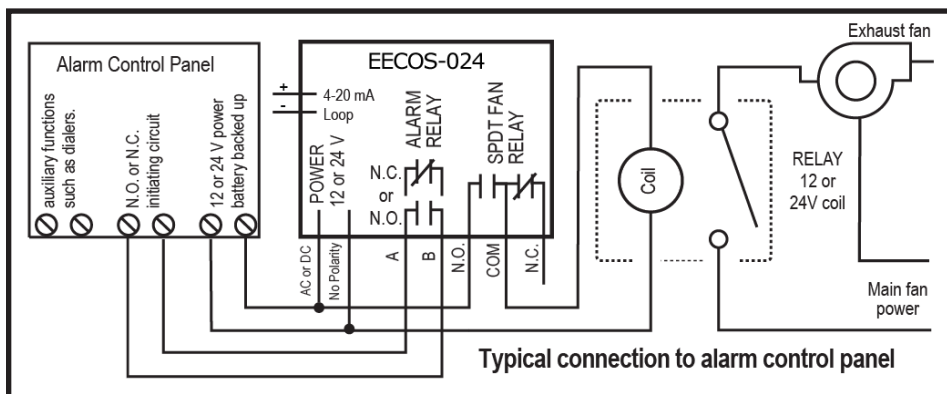
## EECOS-024 Specifications:

- Power: 3W (max) from 12 to 24VAC or 12 to 32VDC
- Current @ 24VDC: 75mA in alarm, 50mA relay on and 23mA stand by
- Size: 4 1/2 x 4 1/2 x 2 1/8 in.
- Shipping Weight: 1 pound
- Connections: plugs/terminals
- Mounting Box (not included): 4x4 electric
- Alarm relay: 0.5A 120V, 60VA
- Alarm relay actuation: selectable N.O. default or N.C.
- Alarm relay settings: OFF, 50 ppm, 100 ppm, 150 ppm and 200 ppm (default)
- Current Loop: 4-20 mA for 0-200 ppm CO
- Operating Environment: 0°F to 125°F. 10 to 90% RH non-condensing



## Location:

The unit typically covers about 5,000 sq. ft. in a parking garage or similar application and 900 sq. ft. in a commercial or institutional application. The coverage depends on air movement within the room or facility. Do not mount the EECOS units in a corner. Normally, the unit is mounted about 5 feet above the floor (normal breathing zone), in a central area where air movement is generally good. Additional detectors may be needed near any areas where people work or where the air is stagnant, or as dictated by local codes or authorities.



Intertek