

FGD14 CO

GAS DETECTOR/TRANSMITTER FOR CARBON MONOXIDE

Intrinsically Safe Surface Mounted Stand Alone Gas Detector/Transmitter.
Designed for Minimum Installation & Maintenance Costs

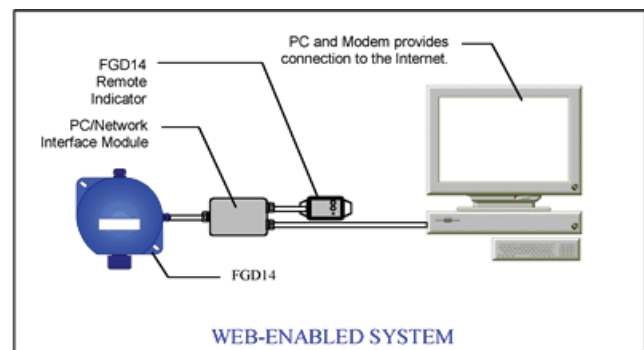


Typical Installations

- Boilerhouses
- Swimming Pools
- Car Parks
- Breweries and Cellars
- Petrol Stations
- Landfill Sites
- Hospitals
- Department Stores
- Greenhouses

The FGD14 CO Gas detector is designed to provide an affordable means of accurately monitoring ambient gas levels in commercial and industrial *safe area* (i.e. not a potentially explosive atmosphere) applications. It operates as a stand-alone detector and models are available either for use from a mains supply or from an 8 to 30 volts dc supply. An audible/visual remote unit is provided with the detector.

The detector is fitted with an Electrochemical sensor for the detection of Carbon Monoxide gas.



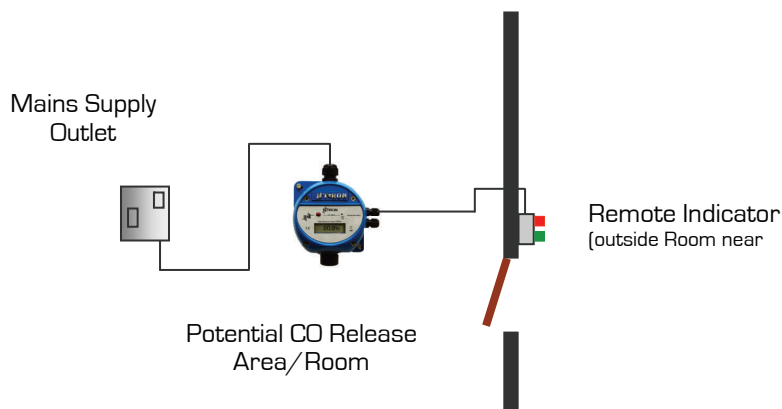
PRODUCT SPECIFICATION SHEET



Other Ntron Products
At www.ntron.com



Size	: 122 x 142 x 75mm nominal
Weight	: 0.9Kg
Gas Type	: Carbon Monoxide
Operating Voltage	: ac version - 85-265V, 47-440 Hz ; dc version – 8 to 30 volts
Alarm set points	: 2 user adjustable set points .
Alarm output	: Voltage free, single pole changeover relay contacts. User selectable for either normally energised or normally de-energised operation
Alarm contact rating	: 1A, 30Vd.c. non-inductive load
Visual alarm indication	: Flashing red LED on front panel and on remote indicator unit
Audible alarm indication	: Intermittent alarm tone on front panel and on remote indicator unit
Sensor Type	: Electrochemical.
Measurement range	: 0-500 ppm
Response Time	: $T_{90} < 40$ sec
Measurement Resolution	: 0.5ppm
Operating Temperature	: -20 to +40 °C
Humidity Range	: 0 to 95% RH non-condensing
Operating Pressure	: Ambient + or - 10%



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