

# GT3000 Toxic Gas Sensor/Transmitter



## Gases Detected

- H<sub>2</sub>S
- Cl<sub>2</sub>
- SO<sub>2</sub>
- CO
- H<sub>2</sub>
- NH<sub>3</sub>
- O<sub>2</sub>
- More gases added soon

## Cost-Effective

Approved for use with or without local display. And offers one-person calibration, ideal for remote mounting.

## High Accuracy

Even in extreme climates, provides consistent operation and third-party verified accuracy and performance.

## Easy Field Swapping

Intrinsically safe and automatically recognizes new sensors (hot swappable).

## Onboard Data and HART® Diagnostics

- Event logs
- Gas exposure data
- Calibration data
- High/low temperature data

*Rely on the GT3000 toxic gas detector family to continuously **monitor** the atmosphere for potentially hazardous **gas leaks and oxygen depletion.***

*An array of sensor models detect a variety of gases in various concentration ranges.*

## Flexible Installation

Can be installed as a stand-alone device. Or the sensor/transmitter can be combined with a local or remote display, such as the Det-Tronics FlexVu® Universal Display.

## Functional and Fast

Can exceed the ISA specification T90 requirement in under 30 seconds.

## Reliable Operation

Proven through third-party performance testing to the ISA-92.0.01 standard.



## Easy to Install, Simple to Calibrate and Maintain

The GT3000 toxic gas detector is an intelligent stand-alone industrial gas detector that provides continuous monitoring of the atmosphere for hazardous gas leaks or oxygen depletion.

The GT3000 gas detector consists of a replaceable sensor module (Model GTS) connected to a transmitter module (Model GTX) that is compatible with all GTS sensor modules. A variety of sensor modules are available in various concentration ranges.



## Innovative Design by Det-Tronics

### GTX Transmitter

- 4-20 mA output with HART protocol
- Approved for use in explosion-proof or intrinsically safe areas
- Automatic sensor recognition



### GTS Sensor Module

- Sensors: H<sub>2</sub>S, CO, O<sub>2</sub>, NH<sub>3</sub>, Cl<sub>2</sub>, H<sub>2</sub>, and SO<sub>2</sub>
- Multiple ppm measurement ranges
- IP66 ingress protection
- Hot swappable
- History logs



### GT3000 Detector

- Approved as stand-alone gas detector
- Local LED indicators
- Magnetic calibration

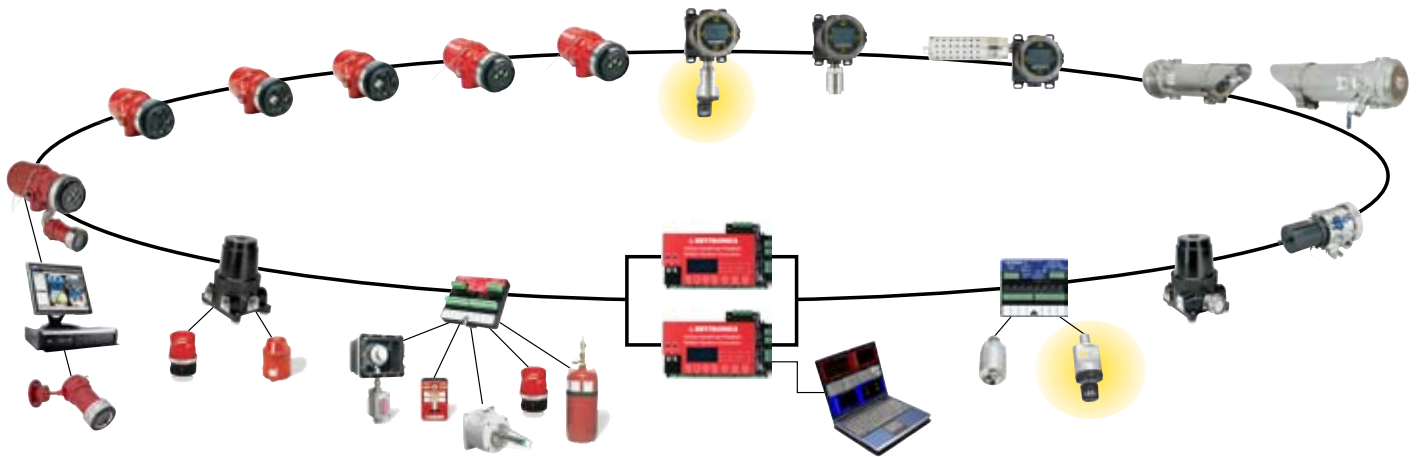


### Detector with FlexVu Display

- Approved as stand-alone gas detector
- 4-20 mA output with HART protocol
- Magnetic calibration
- Non-intrusive user interface
- Single data log with a common interface for event, fault, and alarm data



## A Complete Safety System Designed around Customer Requirements



Approved to ANSI / ISA  
92.0.01 (H<sub>2</sub>S)  
92.02.01 (CO)



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