

Lab Safety Equipment



580 SERIES

Toxic and Corrosive Gas Detectors

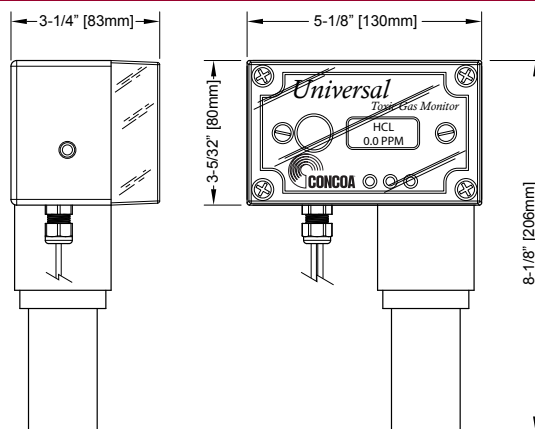
The 580 Series Toxic and Corrosive Gas Detectors provide protection for laboratories using hazardous gases. A single generic controller is connected to a renewable sensor specific to a particular gas and measurement range. The detector features built-in audible and visual alarms along with analog and contact relay outputs for integration with a CONCOA 585 Series Emergency Shut Off Controller or building monitoring system. Sensor status is continuously monitored and is easily recharged or replaced.



Specifications

| | | | |
|------------------------------|---|---------------------------|------------------|
| Sampling Method | Diffusion | Analog Output | 4-20 mA |
| Accuracy | ±10% of full scale | Power Requirements | 24 VDC 250 mA |
| Sensor Type | Renewable electrochemical self-checking | Weight | 1.2 lbs. (.5 kg) |
| Sensor Life | 3 - 8 years | Enclosure | Polycarbonate |
| Operating Temperature | -25°F to 120°F (-32°C to 50°C) | | |
| Signal Outputs | Dual level + fault: 24 V (2 A) | | |

Installation Dimensions



Ordering Information

| Order No. | Description | Order No. | Description |
|-----------|--------------------------|-----------|----------------------------------|
| 580 3030 | Toxic Gas Monitor | 580 3036 | Hydrogen Fluoride sensor |
| 580 3031 | Ammonia sensor | 580 3037 | Hydrogen Sulfide sensor |
| 580 3032 | Boron Trifluoride sensor | 580 3038 | Nitrogen Dioxide sensor |
| 580 3033 | Chlorine sensor | 580 3039 | Hydrogen Chloride sensor |
| 580 3034 | Fluorine sensor | 580 3040 | Sulfur Dioxide sensor |
| 580 3035 | Hydrogen Cyanide sensor | 830 9211 | 24 VDC Powersupply (100-240 VAC) |

Other gas sensors available; contact CONCOA for more options. Sensors require 580 3030 Toxic Gas Monitor to function.