



AirAware

Gas Detection System



Presentation

Industry proven performance combined with a low-profile design make a logical choice for those areas that require continuous monitoring but not the environmental protection of an a weather-proof or XP enclosure. Providing discrete monitoring and enhanced aesthetics for more commercial or institutional settings, the AirAware Series is the ideal solution for reliable, low-cost fixed-point monitoring.

The AirAware can be configured to operate as a monitor with local LED display, a controller with onboard relay switching capability, a transmitter with 4-20 mA or ModBus RTU outputs, or as a transmitter with on-board relays. Each configuration is designed to meet your specific indoor monitoring needs.

Every AirAware is equipped with electrochemical sensing technology, dual alarm LEDs and push-button operation.

Configure your AirAware to match your needs, adding options such as a vanity plate to hide the display. The AirAware is covered by a one-year warranty and carries CSA approval for non-hazardous locations.

Features

- Institutional, commercial and light industrial monitoring
- Monitor any one of seven gases
- Simple installation using 12-24 VDC operation, or an optional AC power adapter that plugs into any standard 120 VAC wall outlet (North American plug).
- Bright display constantly shows gas concentrations
- Single button calibration, alarm muting and zero functions
- Visual alarm to alert of potential gas hazards (audio optional)
- ModBus digital output (4-20 mA output optional) for interfacing with control devices
- Optional dual-alarm relays can interface with a fire alarm panel, turn on fans and warning sirens, or shut-down a process.





CTX 300

Transmitter



Presentation

The CTX 300 can detect O₂, CO₂, toxic and refrigerant gases. TELEDYNE Gas & Flame Detection offers a detector version with a wide range of sensors (infrared, electrochemical, semiconductor) according to your application needs. It is also available with or without display.

Simplicity

Sensor replacement does not require any special menu access. Just replace the sensor without even powering down the transmitter!

Reduced maintenance

As the only consumable element, the CTX 300 sensor is easily replaceable. New sensors come pre-calibrated from the factory. So during the sensor ex-change, no calibration gas is required, nor adjustments to the detector, or remote central controller are required.

Features

- Detection of toxic gases or oxygen
- Interchangeable and pre-calibrated sensor modules
- Local display (optional)
- Durable in harsh environments
- Up to 5 years of life for O₂ sensor





OLC(T) 10 & OLC 10 TWIN

Detector / transmitter for Explosive gases



Presentation

Design for commercial applications, OLC and OLCT10 detectors perfectly suit the protection of equipment and personnel in boiler or charging rooms where atmosphere may contain flammable gases.

Rugged, small, easy to install and operate, these detectors combined with the MX 32 control unit meet demanding user requirements.

Features

- Catalytic sensors
- 4-20mA output signal with OLCT 10
- Dust and humidity resistant
- Fast and accurate response
- ATEX Approval for use in hazardous areas (zone 2)
- OLC 10 TWIN allows connection of 2 sensors with a single channel without any additional junction box.

Applications

- Boiler rooms
- Charging rooms

