Globally Certified Open Path Detection for Extreme Conditions

DET-TRONICS

FlexSight™ LS2000 Line-of-Sight Infrared Gas Detector

Comprehensive Solutions Include Line-of-Sight Gas Detection

Industry Leading Performance Easy to Install and Maintain

THE FLEXSIGHT™ LS2000 LINE-OF-SIGHT INFRARED GAS DETECTOR SETS NEW PERFORMANCE STANDARD

Line-of-sight solutions must function under the heavy vibration typical of an industrial site and must endure harsh environments. They must also have the flexibility of easy installation. Finally, alignment reliability is a requirement.

FlexSight™ LS2000 is flexible, functional and reliable—answering industry demands:

- Easy to install and align
- Significantly improved alignment tolerance
- Third-party certified
- Ten-year IR source warranty; 5-year device warranty

FlexSight™ LS2000 detects combustible gas between two points and is an optimal solution in perimeter monitoring applications.

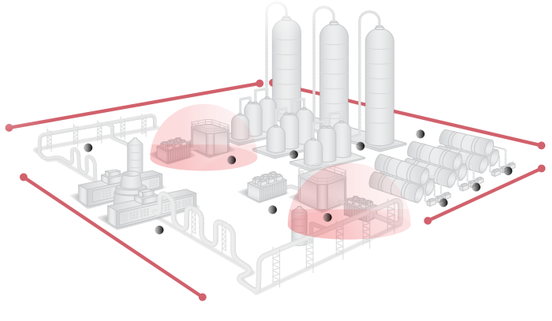
Det-Tronics FlexSight™ LS2000 line-of-sight infrared gas detector is third-party certified and is SIL 2 capable.

THIRD-PARTY CERTIFIED FROM 5 TO 120 METERS

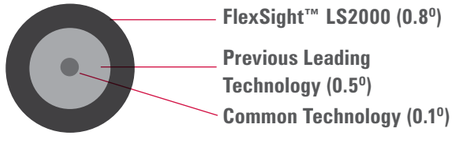
AND FROM -55°C TO +75°C (-67°F TO +167°F)

Detection at Multiple Layers

1. LINE-OF-SIGHT GAS DETECTION
2. POINT GAS DETECTION
3. ACOUSTIC LEAK DETECTION



60% IMPROVEMENT IN FIELD OF VIEW



IMPROVED OPTICS

The difference between a 0.1° and a 0.8° alignment tolerance is significant (see comparison above). FlexSight™ LS2000 is a 60% improvement over the previous industry leading technology. It also has a more reliable and consistent signal strength.

SIMPLE INSTALLATION

Simplified alignment process reduces installation time by over 50%. Housing and mounting advancements also make it much easier to install in the field.

BEST IN CLASS FEATURES

Det-Tronics advanced techology and smart features in the FlexSight™ LS2000 include:

Easy to Install

- Industry leading field of view creates more tolerant alignment
- Simple adjustment and mounting method
- Simplified alignment process does not require specialized handheld interrogator tool
- Factory calibrated to methane, propane, and butane

Easy to Maintain

- Less susceptible to vibration and installation movement
- Smart monitoring and control
- Temperature and obscuration triggers
- Power consumption management
- Field replaceable electronics module
- Highly visible local LED status indicators
- Easy diagnostics with event and calibration logs
- HART communication link

Best Performance

- Improved optical field of view (60% improvement over previous leading technology) provides wider target and more consistent signal strength
- Advanced housing design tolerates harsh conditions: vibration, snow, fog, intermittent obstructions and unstable mounting post
- Five-year warranty for unit and 10-year warranty on IR lamp source

A Global Leader in Fire and Gas Safety Systems

SAFETY & PROTECTION — SINCE 1973

MITIGATING FIRES

DET-TRONICS

PROTECTING LIVES

92-1070-1.2 (US)

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