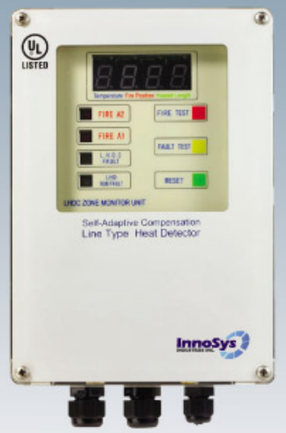
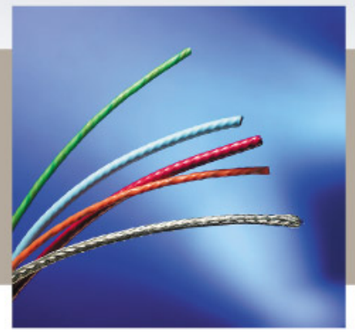
Self-adaptive compensation, Location of overheated spot, etc.



InnoSys provides you with a new and innovative line type heat detecting solution for your applications

TraceLine™ Line Type Heat Detection

TraceLine™ is designed with advanced self-adaptive compensation technology and innovative location technology. A Monitor and Control Unit (MCU) connects to the TraceLine™ cable for configuration and communication with the Fire Life Safety System. The TraceLine™ cable provides a reliable and precise Rate-of-Rise and fixed temperature activation, the location of hot spots, and can be set to multilevel alarm by configuration software.



Our quality commitment

InnoSys LHD is manufactured in compliance with requirements of ISO9000. InnoSys LHD has CE and UL Listing. It is our recommendation to utilize a qualified InnoSys' distributors or partners for installation and service.

InnoSys INDUSTRIES INC.

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InnoSys INDUSTRIES INC.

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TraceLine™
Line Type Heat Detecting System

The most advanced fire locating and integrating Line Type Heat Detecting system

Why choose InnoSys LHD?

1.The environmental conditions are too harsh for conventional detection methods

There are many installations where standard methods of fire sensing are not practical due to extreme environmental conditions such as wide temperature variation, high humidity, dust, dirt or a combination of all four of these elements. The InnoSys LHD system is designed to excel in these tough conditions. Its solid construction and excellent durability make it the right choice. The following are examples of installations where the InnoSys LHD system provides an optimum solution:

- Grain processing manufacturing facilities
- Conveyor systems for coal
- Underground cable tunnel
- Aircraft hangars
- Oil storage tank
- Electrical cabinet or rooms

2.Flexible and continuous protection is required.

A key feature of the InnoSys LHD is its rapid response in detecting abnormal rates of temperature rise along the entire length of its cable. Many installations such as roadway tunnels, cable tunnels, and conveyor systems require continuous protection over long distances. Similarly cable trays and warehouse storage racks require a close proximity layout in order to enhance detection sensitivity. Whether it is a long continuous protection or close proximity protection the InnoSys LHD provides an optimum solution:

3.You want to know where the fire or potential fire is

The InnoSys Locating LHD system can pin point the location of the fire or hot spot providing a cost effective solution. Whether protecting a section of a cable tunnel, subway tunnel, cable raised floor, an oil storage tank or a power transformer, quickly identifying the fire location or hot spot location is critical to minimizing damage and improving life safety function.

4.Environmental conditions can vary from week to week, day to day or hour to hour.

The InnoSys LHD system is designed with a self-adaptive feature lacking in older-generation Analogue LHD to compensate automatically for environmental variation to ensure dependable detection and stable sensitivity. As temperatures vary during the course of a day, week or month the InnoSys LHD system compensates its activation thresholds to eliminate faults activations and maintain proper activation thresholds.

5.Early detection is important for you

The InnoSys LHD system is capable of a detecting variations in temperature referred to as a rate-of-rise sensing. In addition to the fixed temperature activation, the rate-of-rise activation allows for earlier detection of a fire event. Earlier detection minimizes damage and improves life safety function.

6.Cost effective

The InnoSys LHD system's solid construction, excellent durability, recoverable and reusable properties make it a solid investment and because it is designed to work in harsh environments which minimizes maintenance. Spot type detectors are not designed to work in harsh environments and result in more service calls and customer frustration. As compared to spot type detection, InnoSys provides a great return on your investment

Where Line Type Heat Detecting System is the Most Effective Solution

- Cable Tunnels, Large Cable Room
- Road & Rail Tunnel
- Petro-Chem Storage Tank Rim Seals
- Conveyors - Coal, Wood, etc.
- Electric Room, Underground Electric Space
- High Rise Storage Racking
- Outdoor or Indoor Transformer and Reactor
- Nuclear Reactor Plant Areas
- Escalators & Moving Walkways
- Paint Shops & Spray Booths
- Marine Engine Rooms
- Electrical Switchgear Cabinets
- Oil Rigs & Off Shore Platforms
- Steam Pipe Leaks & Trace Heating Faults
- Computer Room Raised Floor
- Aircraft Hangar

How the InnoSys LHD System works

1. When the temperature in the protected areas rapidly elevates or approaching the activation threshold, the Monitor and Control Unit (MCU) will trigger the Rate-of-rise or fix temperature alarm activation sequence, including displaying the distance of the fire or hot spot relative to the MCU's location.

2. Through an input module of the MCU, alarm activations are transmitted to the fire life safety system, which can include the fire's location information. This location information can be displayed at a fire command center for quicker identification and response to a fire or a hot spot.

3. In response to the various levels of alarm activation of the InnoSys LHD system, the fire life safety system can activate smoke ventilation system, air-conditioning system, and fire extinguisher system in proper sequence to properly control the fire. This should minimize damage and improves life safety function.