

LINEAR HEAT DETECTION

















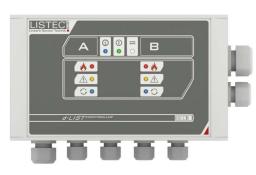












FIBRE OPTIC LINEAR HEAT DETECTION

Fibre Optic Linear Heat Detection provides Optimum safety in Tunnels and Special Hazard Buildings.

Temperatures are recorded along the sensor cable as a continuous profile and the system is capable of detecting fire and overheat conditions over distances up to 10 km.

The Fibre Optic system uses a semi-conductor laser diode and revolutionary evaluation procedures to reliably detect small temperature changes along the length of the cable.

Suited to long continuous cable runs, fibre optical heat detection is another weapon in the arsenal of detection products.

MICRO CHIP LINEAR HEAT DETECTION

In many applications traditional point type detectors are not used in the way or for the purpose they were designed.

Micro Chip linear heat detection is becoming a preferred alternative for many of these applications.

Both electronic sensor cable systems may be used for early fire detection, or as a temperature monitoring instrument.

Owing to their maintenance-free construction, they are applicable even in harsh environments.



"Linear Heat Detection (LHD) is a continuous heat detector designed to detect heat along the length of a sensor cable."

LINEAR HEAT DETECTION



"EVERY SOLUTION FOR YOUR SPECIAL HAZARD PROBLEMS"

DIGITAL LINEAR HEAT DETECTION

Digital linear heat detection cable is a conventional style heat detector, capable of detecting a fire along the length of the cable.

The product range consists of a standard two core cable of various temperature ranges, as well as detection modules to provide exact alarm point locations.

Our Confirmed Temperature Initiation (CTI) range also can differentiate between a mechanical short and an actual thermal fire event, eliminating the possibility for false alarms.

Digital linear heat detection is a cost effective and simple way to provide heat detection with continuous detection along its total length.









PRODUCTS:

Gaseous Suppression



Inert Gas (IG-01, IG-55, IG-100, IG-541)

Novec 1230™ Fluid (FK-5-1-12)

FM-200® (HFC-227ea.)

Carbon Dioxide (CO₂)

Hybrid Systems (N₂ / Water)

Pressure Relief Vents

Enclosure Integrity Testing Equipment

Pipe & Fittings

Water Suppression



Water Mist - High Pressure

Water Mist - Intermediate Pressure Water Mist - Low Pressure

Hybrid Systems (Water / N₂)

Monitors & Delivery Systems

High Speed Deluge

Foam Suppression



Foam Concentrates

Foam Proportioning

Foam Delivery Systems

Compressed Air Foam

Foam Concentrate Testing

Explosion Protection



Explosion Suppression

Explosion Isolation Explosion Vents & Pressure Relief

Spark Suppression

Explosibility Testing

Fire Detection



Linear Heat Detection - Digital Linear Heat Detection - Fibre Optic Linear Heat Detection - Micro Chip Flame Detection

Video Imaging Detection

Spark Detection

Control & Indicating Equipment Thermal Imaging Detection

Aspirating Smoke Detection

Military & Defence



Military Vehicles **Naval Vessels**

Special Applications



Micro Environment Oxygen Reduction Kitchen Protection Systems

Dry Chemical

Vehicle Systems Marine & Offshore

Vapour Mitigation

Li-Ion Fire Systems

Support Services



Design / Engineering **Technical Support** Services & Testing

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