



LINEAR HEAT DETECTION



GASEOUS
SUPPRESSION



WATER
SUPPRESSION



FOAM
SUPPRESSION



EXPLOSION
PROTECTION



FIRE
DETECTION



MILITARY
& DEFENCE



SPECIAL
APPLICATIONS



SUPPORT
SERVICES

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.”

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.

LINEAR HEAT DETECTION



“EVERY SOLUTION FOR YOUR SPECIAL HAZARD PROBLEMS”



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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