



LINESENSE

Fire Detection Ltd

The simple and proven technology of digital Linear Heat Detection (LHD) cable, makes it a product of choice for difficult and challenging applications where other technologies struggle to work.

With its ease of installation and low maintenance it also provides a cost effective solution where project expenditure requires to be kept at a minimum.

The sensing cable is formed from a pair of twisted steel conductors each with temperature sensitive insulation and then an overall Nylon outer sleeve. When the temperature sensitive insulation reaches its predetermined alarm temperature the two conductors short together providing the digital or switched signal.

The cable can be connected to any unit capable of monitoring a switched signal, i.e. Conventional fire panel, addressable switch monitor unit or PLC.

Features

- Simple digital switch operation.
- Continuous sensing along the total length of the element.
- Fixed alarm temperature. Unaffected by changes in ambient temperature.
- Compatible with switch monitoring units and conventional alarm panels.
- Suitable for use in Hazardous areas using safety barriers.
- Chemical & water resistant
- Rugged and durable construction.
- Simple maintenance free installation.
- Small diameter and bend radius.
- FM Approved.



OUR PRODUCTS

Linesense H8040N

Linesense H8045N

Linesense H8028

Linesense H8069

Linesense H9650



Applications

- Conveyors / bearing protection
- Escalators, moving walkways.
- Petro-chemical storage tanks, rim seal protection
- Cable tunnel / tray protection
- Road and rail tunnels
- Road and rail motor compartments
- Electrical switch gear & transformers
- Refrigerated rooms and cold stores.
- Building exteriors under eaves
- Motor and pump overheat detection.
- Dirty and dusty environments.



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