



Linear Heat Detection



EN54 part 28 approved

Our solution, approved to EN54 part 28, is a fixed temperature Linear Heat Detector cable. Fixed Temperature Linear Heat Detectors detect a build-up of heat anywhere along their length. When any point along the length of the cable reaches a predetermined temperature an alarm is initiated.

LHD cables are ROHS compliant, Low Smoke Zero Halogen (LSZH) and have a UV stable and chemical resistant coating meaning they can be used in even the harshest of environments.



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Principal Features

LHD EN is approved by UL EU to EN54 part 28 as non-resettable Line Type Heat Detector.

It is Low Smoke Zero Halogen (LSZH) and is available in either 78°C or 88°C alarm temperatures.

The cable's outer coating is made from a UV and chemical resistant compound making the cable

suitable for even the harshest of environments.

LHD EN is used with the Distance locator and End of Line Box to make a complete EN54 part 28 approved system.

There are more temperatures available which are UL listed and/or FM approved, up to 230 °C.

Distance Locator

The distance locator is a dual zone monitor module for the LHD EN cables. With each zone able to monitor 1000m of cable, a single unit can cover a vast detection area.

Distance locator is simple and quick to set up and requires no specialist software or programming tools.

There are two operating modes allowing the zones to operate independently or interlocking. In the event of an alarm the Distance locator immediately displays the alarm location and zone of the activation. This enables quick and efficient alarm notification.

Advantages

Up to 230 °C *

EN54 part 8 certified

UL listed

FM Approved

Up to 1km per detection zone

UV and Chemically protection

Suitable for Hazardous and Safe Areas

Compatible with Addressable and Conventional fire detection systems

Easy set up with no special programming tools

Exact alarm location identification

Zero on-going maintenance

Accessories for fixing and installation

* Depending on approvals



Applications

Elevator
Escalator
Car parks
Underground
Railway
Road Tunnels
Conveyor Belts
Kitchens
Cable Trays

Farm Building
Tank Farms
Cold Storage
Warehouses
Machinery
Energy generators
Electrical cabinets
Rack cabinets
Pre action sprinkler systems

