LHS™

Linear Heat Sensor Cable

Rugged, Adaptable Detection for Atypical Applications

Comprehensive Coverage

LHS™ Linear Heat Sensor cable is a flexible, durable and cost-effective fixed-temperature detector that is suitable for protecting a wide range of commercial and industrial environments. LHS Cable comes in a variety of cable jackets and operating temperatures allowing you to select the perfect cable-type for a particular job. The LHS Cable detects heat from a fire over its entire length and it can be connected directly into the fire panel initiating circuit, eliminating the need for extra, costly equipment. The LHS Cable is FM Approved and being a contact shorting device, is compatible with all fire control panels.

Why Choose LHS Cable?

1. Your Environment is Not Suited for Spot Detection.
Environmental factors can make it tough to protect valuable assets from damage due to fire and smoke. Kidde Fire Systems LHS is ideal for applications where ambient conditions prohibit the use of spot-type smoke, flame or heat detectors.

It's Too Dirty: Many applications such as coal conveyors, manufacturing processes, barns and stables are too dirty for spot-type smoke or heat detection. Detectors can easily become clogged by the unavoidable environment dirt, resulting in false alarms, or worse, lack of detection when it's really needed.

It's Too Hot or Cold: Spot-type detectors are typically designed for ambient temperatures between 32°F and 120°F. Applications such as aircraft hangars and cold storage warehouses routinely exceed this temperature range. Linear Heat Detection is designed with extreme temperature ranges in mind, making it the perfect solution for applications where detection is needed, but ambient conditions are outside the limitations of traditional spot-type detectors.

Carrier

kiddefiresystems.com

Why Choose LHS Cable?

1. Your Environment is Not Suited for Spot Detection (continued).

It Has Physical Limitations: Vehicles, floating roof oil tanks and cabinets are just a few examples of applications where physical limitations prohibit the use of spot-type detection. Linear Heat Detection solves the problem with its extreme flexibility and the almost unlimited possibilities for physical configurations. Linear Heat Sensor Cable can be wrapped around machinery or arrayed across a ceiling. It can fit into small spaces or be run across wide spaces. With LHS Linear Heat Sensor cable your most challenging fire protection applications may become your easiest.

2. You Have a Linear Application

Linear Heat Detection is specifically designed to protect long distances. It is ideal as protection running the length of a tunnel or along a cable tray. Remember, unlike spot-type detectors, Linear Heat Detection provides a consistent level of protection along the entire length of the cable, regardless of the application size or configuration.

3. You Want Your Project to Be Cost Effective

Linear Heat Detection is valuable simply as a flexible, tolerant product for heat detection, but there's more...its value grows when designers realize it's cost-effective as well. When installed with intrinsic safety barriers, Linear Heat Detection is outstanding for use in classified hazardous areas, giving comprehensive coverage without the expense of installing a myriad of explosion-proof spot detectors, conduit and wiring. Continuous, consistent protection at an affordable cost makes Linear Heat Detection a winner when designing for difficult applications where environment is an issue.

Typical Applications protected by Linear Heat Sensing Cable:

- Aircraft Hangars
- Belt Conveyors
- Cable Trays
- Classified Hazardous Areas
- Floating Roof Tanks
- Freezer Warehouses
- High-Bay Warehouses
- Tunnels
- Applications requiring open area protection

Approvals & Listings:

- FM Approved

Kidde
Fire Systems