

*Not visible, but good to know:  
LISTEC team ensures security*

*Competence reassures  
Worldwide*

**Everyday Life:**

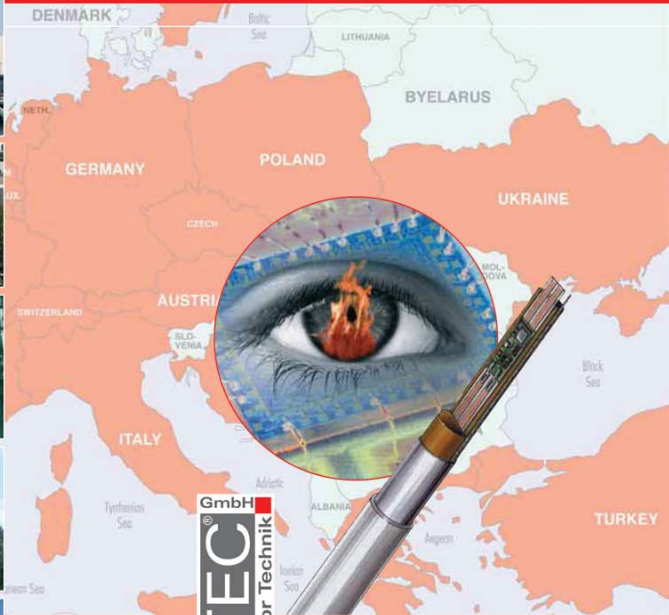
- Office Buildings
- Covered Parking
- Hotels
- Hospitals
- Supermarkets
- Sports Arenas
- Museums
- Concert Halls
- Historical Buildings
- Television Towers
- Airports
- Metro
- Escalators
- Tunnels

**Commercial Sector:**

- Cold Storage
- Warehouses
- Garbage Incineration
- Recycling plants
- Livestock Breeding
- Car Dealerships
- Freight Forwarders
- Fodder Dehydrators
- Smokehouses

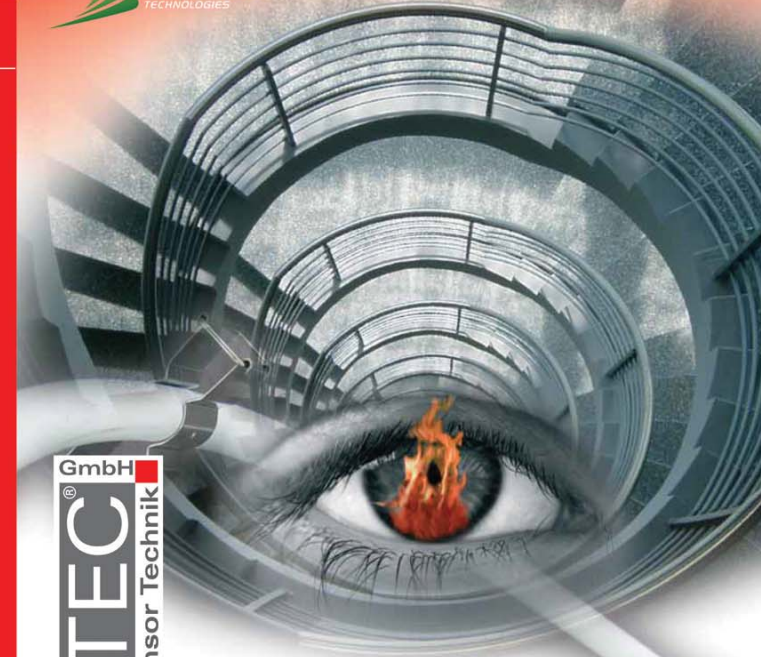
**Industrial Sector:**

- Power Stations
- Shipyards
- Food Processing
- Chemical plants
- Mining
- Petro-chemical Plants
- Steel Works
- Automotive Industry
- Wood Processing
- Storage Areas



# Linear Fire Detection

*Your safety specialists*



*Targeting Heat*

**LIST<sup>®</sup> Components:  
A perfect team**

**Connection Box**  
Connection- and distribution point for the sensor or connection cable

**Connection Cable**  
E30/E90 field wiring to bridge unmonitored areas

**Fixings**  
Quick mounting plastic or stainless steel clips



**External Sensors**  
Hermetically sealed aluminium or stainless steel sensors for selective temperature monitoring. Addressable 2-wire bus connection.

**Power Supply**  
External, battery backed-up power supply for up to eight controllers

**Interfaces**  
Alarm connections to fire panels with dry contacts. Serial interfacing with open protocols to SCADA systems. Remote diagnosis and maintenance with GSM modems.

**Maintenance Software**  
Configuration- and maintenance software LISTerm for WINDOWS<sup>®</sup>. Comfortable programming and logging of system parameters.

**Visualisation**  
Central display and logging unit with touch-screen. Monitors up to 31 controllers. LISTgraph software for graphical temperature display and precise alarm indication.

**LIST<sup>®</sup> Sensors:  
A perfect detector**



**Δ-LIST sensor cable SEC15  
Technology with LIST**

Electronic sensor cable with addressable sensors for temperature measurement with a 0.1°C resolution. Central evaluation by the controller SCU 800.

**Advantages:**

- freely selectable sensor spacing
- branching at any point in the cable
- simple installation and mounting
- completely shielded against external influences
- insensitive to dirt
- maintenance free
- certified as a class A1 detector, acc. EN 54-5

**Δ-LIST controller SCU 800  
HIGH TECH by LISTEC**

Central control and evaluation unit SCU 800 with cyclic interrogation of the connected sensors every 10 seconds. Freely selectable alarm set-points for temperature rise, maximum temperatures and frost alarms.

**Advantages:**

- monitors up to 2 x 250m with 2 x 99 sensors
- 0.1°C resolution
- cyclic function check of all sensors
- no false alarms with the proven evaluation algorithms
- high quality aluminium housing
- serial interface with open protocols
- VdS approval (G205143)