

SMART HEAT / FIRE SENSING CABLES THAT PINPOINTS EXACT FIRE LOCATION



**Linear Heat Sensing Cables
to Protect Cable Galleries,
Cable Tray, Conveyor Belt, Tunnels**

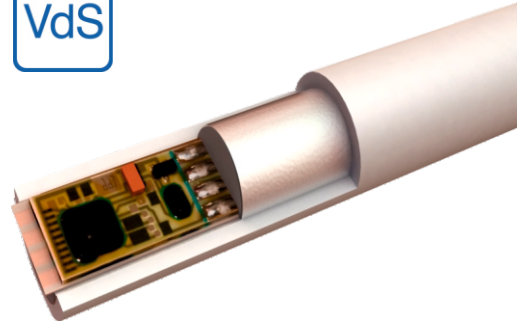


INTELLIGENT ADDRESSABLE LINEAR HEAT DETECTION SYSTEM

Resettable line-type heat detectors. Intelligent Heat Detection cables are embedded with addressable NTC sensor that can be individually addressed & can detect the temperature change. 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 preferred even in harsh environments. The capability of manifold branching and direct object monitoring with affixed external sensors make our systems unique in our industry.

FEATURES:

- Measures temperature from -40° to $+85^{\circ}\text{C}$ (for short periods $+120$), 0.1°C resolution
- Atex / VdS / EN 54 Approved
- Single Cable Length upto 3200 Meters with 350 configurable Sensors.
- Completely shielded against external influences
- Automatic control of all sensors every 10 seconds
- Certified through VdS as a class A1 detector (EN 54-5)
- Hybrid circuits mounted on a 2 core flat flexible cable, Halogen free cable sheath, flame retardant and non-corrosive, with sensor marking
- Freely selectable, min. 0.25m, standard spacing: 1 m, 2 m, 3 m, 5 m & 10 m.
- Each sensors are addressable and configurable as per site conditions.
- Each individual sensor or a group of sensors on the single cable can be divided into separate groups & corresponding outputs can be triggered.
- Live temperature of each individual sensor can be shown.
- Multiple controllers can be networked through various protocols like TCP/IP, RS-485 etc & monitoring can be done at a single place. Both Rate of Rise & Fixed Temp is Configurable as required.



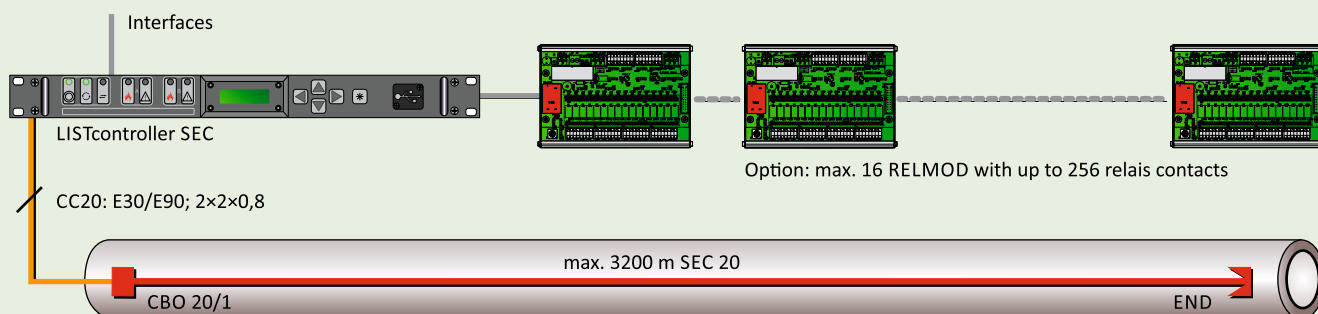
LINEAR HEAT SENSING CABLE

HIGHLIGHTS FOR USING INTELLIGENT ADDRESSABLE LINEAR HEAT DETECTION SYSTEM

- Aggressive environments (gases, off gases, salt mist dust, etc.)
- Moisture, incl. condensing moisture
- Extreme temperatures
- Where Conventional point detectors cannot be used
- Outdoor applications
- Long lengths or large areas with many measuring points like tunnels or car parks

APPLICATIONS:

Road Tunnels | Parking Areas | Solar Power Stations | Cable Galleries | Cable Trays | Cable Tunnels
Wind Power Stations | Conveyor Belts etc.



VIMAL FIRE CONTROLS PRIVATE LIMITED

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