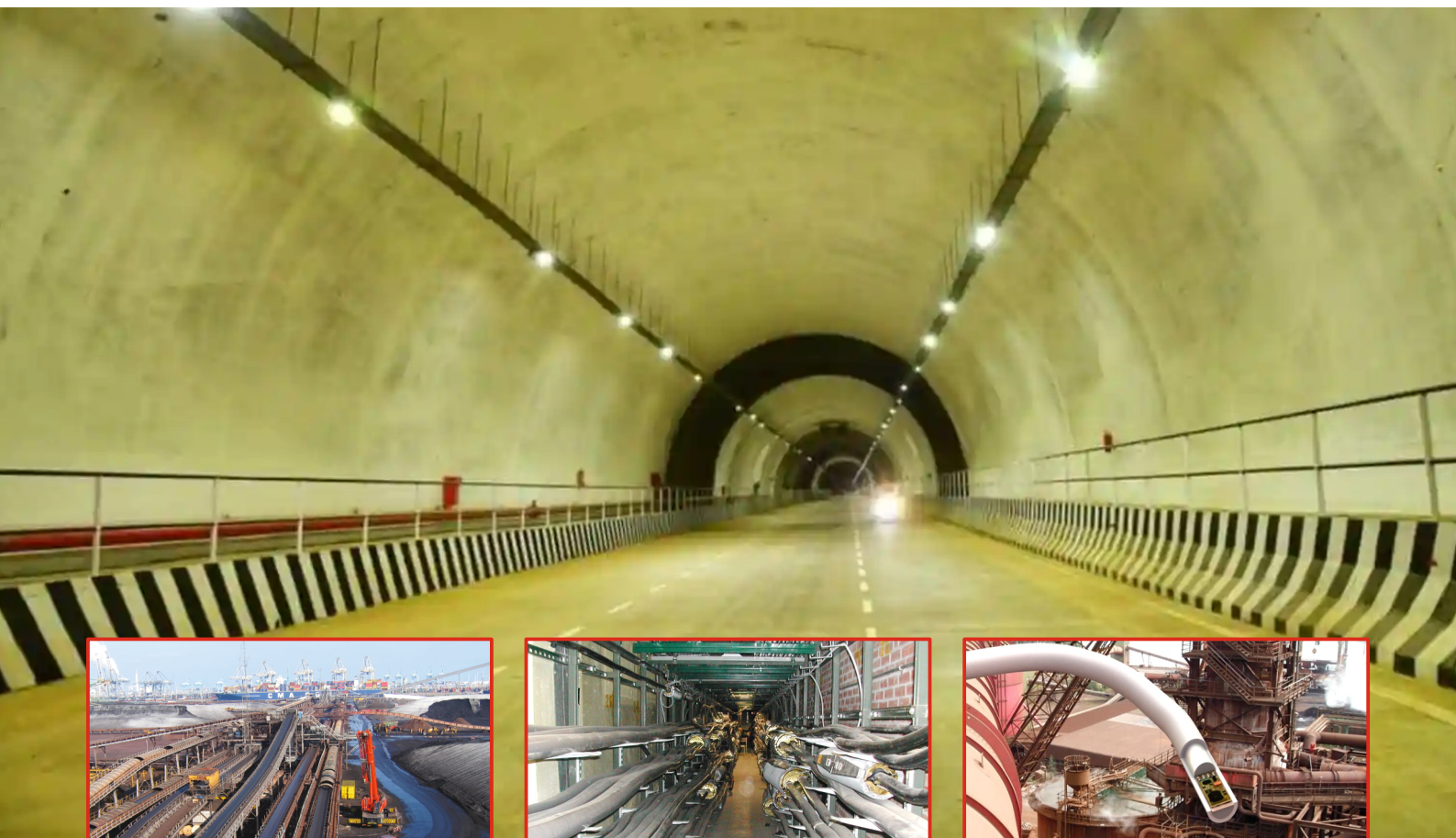




THE FIRE EXPERTS



AN ADVANCED TEMPERATURE MONITORING TECHNOLOGY FOR INACCESSIBLE AND HARSH ENVIRONMENTS



INTELLIGENT ONLINE LINE TYPE TEMPERATURE MONITORING SYSTEM

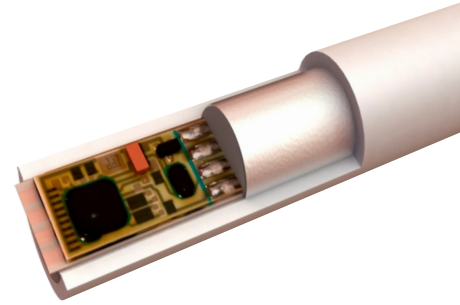
Addressable, Site configurable Sensing Cables
that Pin Points Exact Risk Locations

SCAN & EXPLORE



INTELLIGENT ADDRESSABLE LINEAR HEAT DETECTION SYSTEM

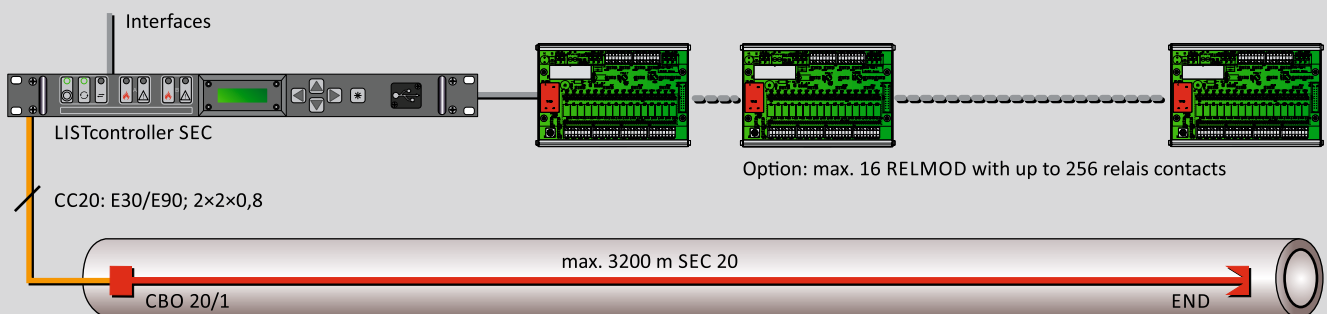
Resettable line-type heat detectors. Intelligent Heat Detection cables are embedded with addressable NTC sensors that can be individually addressed & can detect the temperature change. Both electronic sensor cable systems may be used for early fire detection, or as a temperature monitoring instrument. 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.



LINE TYPE TEMPERATURE MONITORING SYSTEM

FEATURES

- Measures temperature from -40°C to $+85^{\circ}\text{C}$ (upto 200°C deg for Short term), 0.1°C resolution with a repeatability of $\pm 0.1\text{ K}$ along the entire sensor cable length
- Atex / VdS / EN 54 Approved
- Single cable length up to 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, 5m & 10 m.
- Each sensor is 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 temperature is Configurable as required



HIGHLIGHTS OF USING INTELLIGENT ADDRESSABLE LINEAR HEAT DETECTION SYSTEM

- Aggressive environments (gases, off gases, salt mist dust, etc.)
- Moisture, incl. condensing moisture
- Extreme temperatures
- Used in places 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/ Cold Storages etc.

VIMAL FIRE CONTROLS PRIVATE LIMITED

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