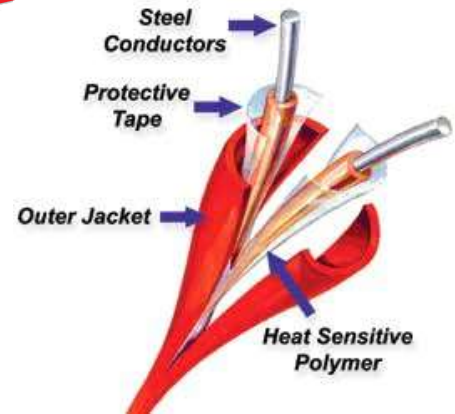




Transit

Fire Detection System for Locomotive/Coach



Linear Heat Detector



Infrared Red Sensor



Central Controller

Description : The Smart Infrared sensor quickly detects fires in railway environment. It detects temperature and gradient of temperature. It can detect the fire in stages, according to the development of fire.

LHDs (Linear Heat Detectors) are two-conductor twisted wires whose plastic insulation melts when the environment temperature reaches a specific level. When the insulation melts, a short circuit is captured to activate the alarm.

The system includes comprehensive diagnostics of central controller, I/O modules and sensors.

Application : Locomotives, coaches

Customer : ETR 500 Electric Loco, Italy ENR Diesel Loco, Egypt Pune Metro, India Hitachi Coaches, Italy

Key benefits of product : The infra red sensor detection is not affected by air flows. The sensor is extremely reliable and doesn't require any maintenance.

Key highlights :

- The infrared sensors has been qualified for EN 54-5, EN 54-10 standards
- The controller meets the EN 50155 requirement
- EMC compatibility: EN 50121-3-2
- Meeting SIL2 standard
- Proven for railway applications

