

USING SIGNALINE LINEAR HEAT DETECTION IN TUNNELS

A vehicle fire is always serious, within a road tunnel it is potentially catastrophic.

Due to the confined space of a tunnel a relatively small fire can intensify very quickly, heating the roof of the tunnel rapidly, therefore the detection of heat as soon as possible is essential.

Due to the environmental conditions found in tunnels, point type heat detectors are often expensive to install and can lead to false alarms.

This means atmospheric temperatures, oils or gases do not affect the performance of the heat detector.

Signaline linear heat detection is an ideal solution for these environments.

The cable is protected by a insulating PVC coating and optional nylon outer sheath.

Signaline non-resettable line type FT cables can also have very long zones lengths. Each zone can cover upto 3,000m. This means for a highly competitive cost long tunnels can be easily protected.



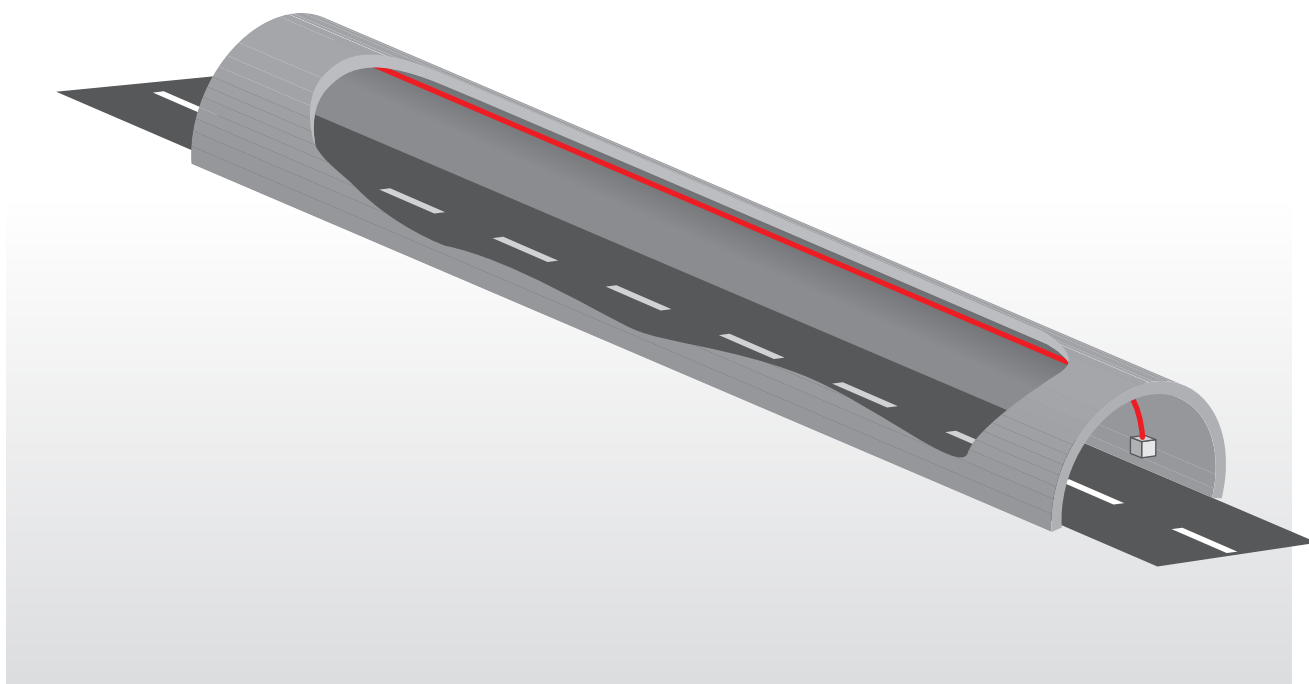
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Our Signaline LocatorPlus has many benefits for fire detection within tunnels. Firstly, each LocatorPlus can monitor upto 6km of cable meaning that even long tunnel systems have relatively low product costs.

The LocatorPlus also comes with Modbus output meaning that the alarm location can be easily interfaced and connected to a wider fire alarm system and displays.

Within the Signaline range there is a complete portfolio of fixing clips and junction boxes to complete the installation.

With a long working life, no ongoing maintenance and no false alarms, Signaline Linear Heat Detection will enable end users to increase efficiency with tunnel applications.



Visit us at: www.signaline.com
Call us on: **+44 (0) 1252 725257**
Email us at: sales@lgmproducts.com

For all your technical support our office based technical experts are just a phone call away.