

# Overheat and Fire Detection in Cable Trays

A relatively minor cable fire can cause widespread disruption and consequential losses out of all proportion to the incident itself. Protectowire Linear Heat Detector detects the location of an overheat condition anywhere in a plant's cable tray system. Power and control cables are protected and vital systems are kept in operation.

Protectowire Linear Heat Detector provides early detection in the event of any overheating condition such as electrical faults, sparks from welders' torches, burning embers, etc. Adaptable to all cable tray types – ladder, trough, solid-bottom, channel, cable bus duct and tubing raceway – the Detector follows vertical and horizontal runs. It has unique advantages when used in stacked trays, tunnels and oil cellars where access and surveillance may be restricted.

When tray work is necessary the Detector is easily removed, from one tray rail or both, and replaced with the use of Protectowire mounting clips.

Protectowire Linear Heat Detector is a component of a complete family of fire detection systems manufactured by The Protectowire Company.

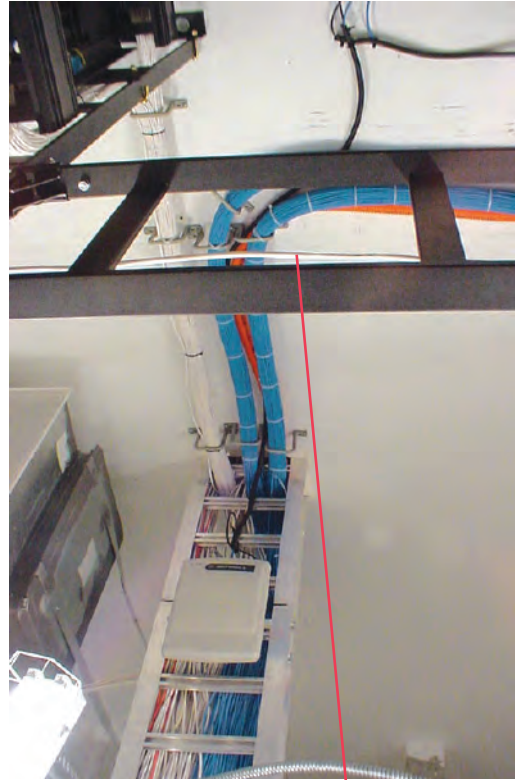


Protectowire Linear Heat Detector



*Photo taken at: Bethlehem Steel Corp.  
Sparrows Point Plant, Sparrows Point, Maryland, U.S.A.*

**Mounting clip**



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