Adicor Photonics Europe S.A.

Linear Temperature-Sensitive Cable Termination Box

AI Overview

A Linear Temperature-Sensitive Cable Termination Box is an enclosure designed to terminate, protect, and test linear heat detection cables, providing both alarm and fault monitoring in fire detection systems.Function and PurposeA termination box for linear heat detection cables serves as the end point for temperature-sensitive cables, allowing them to be safely connected to the fire alarm or monitoring system. It ensures cable protection, fault monitoring, and simplified maintenance, especially in hard-to-reach or harsh environments such as tunnels, car parks, solar panels, or industrial facilities . These boxes often include alarm and fault test switches to facilitate ongoing testing without disrupting operations .Key FeaturesCompatibility: Designed to work with specific linear heat detection cables, such as Signaline FT or Patol LHDC systems .Enclosure Ratings: Typically IP65 or IP66, providing protection against dust, water, and harsh environmental conditions .Multiple Terminations: Some boxes allow termination of two cable zones in a single enclosure, reducing installation time and site costs .Fault Monitoring: Analogue EOL units can detect both open and closed circuit faults, while digital units monitor open circuit faults .Testing Capability: Integrated switches or key-operated test functions allow easy verification of alarm and fault circuits without removing the box .ApplicationsLinear temperature-sensitive cable termination boxes are used in fire detection and temperature monitoring systems where continuous coverage is required. Common applications include:Industrial and outdoor environments with dust, moisture, or chemical exposure .Long-distance or high-risk areas such as conveyor belts, tunnels, and storage tanks .Locations where regular live testing is difficult due to operational constraints .Installation and MaintenanceCable Entry: Boxes are equipped with cabl...

Article Content

LINEAR HEAT DETECTION CABLE

1. INTRODUCTION Linear Heat Detection Cable (LHD) for fire detection is provided of two twisted steel conductors, covered by a heat-sensitive polymer. When the programmed temperature is reached,

LST Analogue Linear Heat Detection Cable and Controller

3 Introduction LST Analogue Linear Heat Detection Cable and Controller provide an easy installation method for sensing changes in temperature. The analogue technology offers separate Pre-Alarm and

Patol 700-511 Analogue EOL Terminator Box with Test

The 700-511 End of Line Terminator Box from Patol is designed to provide early detection of fire and overheating when other forms of detection are not viable.

FW68 Fire Wire Linear Heat Sensing Cable Installation Instrustions ...

FW68 Type E fire heat detector is a linear heat sensing cable consisting of a twin conductor cable with temperature sensitive insulation protected by a polythene braid. The cable must be used with the

Linear Heat Detectors

The CTI™ linear heat detector is a twisted pair of dissimilar spring conductors which are insulated with a heat-sensitive material. This material is designed to soften

LINEAR HEAT DETECTION (LHD)

Features Linesense Digital Linear Heat Detection (LHD) cable is a simple and reliable product providing continuous uninterrupted detection along its length. en an overall outer sleeve. When the

Pocket guide to Linear Heat Detection

Linear Heat Detector Uses a heat-sensitive cable to detect changes in temperature along its length. Linear Heat Detectors provide continuous coverage and are ideal for monitoring large or complex

800 900 Series Linear Heat Detector (LHD)

The cable contains insulators which melt at a specific temperature. At the rated temperature, the heat sensitive polymeric insulation creates pressure between conductors, permitting them make contact

A05-0288-000

Exceptional high temperature performance Protectowire Accessories Protectowire Linear Heat Detector is a proprietary cable that detects heat conditions anywhere along its length. The sensor cable is

Signaline FT-EOL-EN Linear Heat Detector End of Line

The Signaline FT-EOL-EN is a dual zone end of line termination unit for the Signaline FT-EN Linear Heat Detectors approved to EN54 part 28. It is designed

Linear Heat Detection: LHD Cable Accessory

The ACA-JBW junction box is designed to join and protect linear heat sensor cable against damage when cable joints are required. The ACAJBW is weatherproof and is supplied with cable glands and

Linear Heat Detection Cables Manufacturer

ABOUT Introduction Digital Linear heat sensing cable is a specialised flexible fire detection cable capable of detecting fire anywhere along its length. This makes it

Patol Analogue EOL Stainless Steel Termination Box

The 700-515 End of Line Junction Box in an attractive IP65 Stainless Steel finish has been designed to terminate cable on a Linear Heat Detection system.

FyreLine Resettable Junction Box

Specifically, the junction box facilitates the installation and maintenance of the FyreLine Resettable LHD cable systems. It offers a secure, weatherproof

PRODUCT DATA SHEET LHD Series Linear Heat Detection Cable

PRODUCT DESCRIPTION Conventional Linear Heat Detection cables are designed to trigger a response when the specific temperature is reached. If the temperature surrounding the cable

ProReact Digital Fixed Temperature Linear Heat Detection Cable

The ProReact Digital Linear Heat Detection Cable uses fixed temperature detection technology to provide an easy method for sensing changes in temperature levels. The cable can offer alternative

Protectowire | The Global Leader In Linear Heat Detection Systems

Protectowire is the leader in the invention, manufacture, and application of linear heat detection technologies. Protectowire remains dedicated to developing the next generation of linear heat

Linear Heat Detector Cable & Distributed Temp Sensing

Digital Temperature Sensing Fiber Optic Linear Heat Measures temperatures in real time along the length of the fiber optic cable by transmitting pulses of laser light

Heat Detection Cables

Cavicel provides a complete range of heat detector cables, according to the requested alarm temperature, 68°C, 88°C, 105°C, and 138°C, and in line with EN 54-28 In temperature-sensitive

End Of Line Terminators Linear Heat Detection Cable LHDC

The Patol End Of Line (EOL) junction boxes are designed to terminate either Resettable Analogue and Non-Resettable Digital LHDC. The EOL unit provides fault monitoring on the cable.

Fire detection and evacuation solutions that save lives.

Digital linear heat detection cable is comprised of a pair of twisted low resistance, tri-metallic conductors, sheathed in advanced temperature sensitive polymers.

Signaline FT-EN Linear Heat Detection

Signaline FT-EN Linear Heat Detection is an EN54 part 28 approved fixed temperature line-type heat detection system. Signaline FT-EN Linear Heat Detection works by using a heat-sensitive cable that

Digital Linear Heat Sensing Cables

Specifications System Sensor Fixed Temperature Linear Heat Detection Cable range consists of a twisted pair of extremely low resistance (.05 Ohm/ft. of twisted pair) tri-metallic conductors, sheathed

3M Self-Regulating Heat Tracing Cables

As the temperature increases, the electrical paths in the carbon-polymer heating matrix become longer and the resistance of the heating element increases. This causes the heat output of the cable to

Patol 700-541 EOL Termination Box With Fire & Fault Test Key Switch ...

Buy the Patol EOL Termination Box With Fire & Fault Test Key Switch - ABS online from The Safety Centre today.

Junction Boxes and Feed Cable

Use as end-of-line box for CTM series modules. The SR-502 Series Junction Box Sealed Strain Relief Connector is used when the Protectowire Linear Heat Detector enters or exits the junction box. The

New Product Launch; FT-EOL, an End of line with a difference

Signaline is pleased to announce the edition of the FT-EOL termination box to our Signaline FT range. This new end of line termination box is designed with the installer and ongoing

Contact Us

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