

Fire-fighting fiber optic temperature measurement system



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For the temperature measurement principle of the system, Fig. 1 shows the temperature measurement process of the distributed optical fiber temperature measurement system based on ...



The distributed fiber optic linear temperature sensing fire detector fully meets the standard requirements. It can be applied in various long-distance temperature and fire monitoring locations, with a single ...



Fiber optic Linear Heat Detection (LHD) systems provide real-time, precise temperature monitoring using Raman-OTDR for fire detection and asset protection.



Fiber Optic Linear Heat Detectors for detecting fires along a fiber optic cable, based on parameters selected via user interface.



The Fire Rakshak DTS can therefore detect the location of a hot spot on up to a 5km length of fiber optic cable with unrivaled precision. The system is able to monitor the movement of the hot spot, or ...



Measures temperatures in real time along the length of the fiber optic cable by transmitting pulses of laser light and analyzing the return signal. Distributed temperature sensing (DTS) allows fast ...



Based on temperature delta, our LHD system differentiates between fire and temperature increases due to seasonal changes. Thanks to the distributed fiber optic technology, linear heat monitoring enables ...



With one single passive fiber optic cable, the temperature of an entire asset is monitored continuously. The sensor cable can be flexibly divided into custom alarm zones, each with individually defined ...



The linear fiber optic differential temperature fire detector can not only timely warn of fire hazards, but also accurately locate the location of the fire.

Contact Us

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