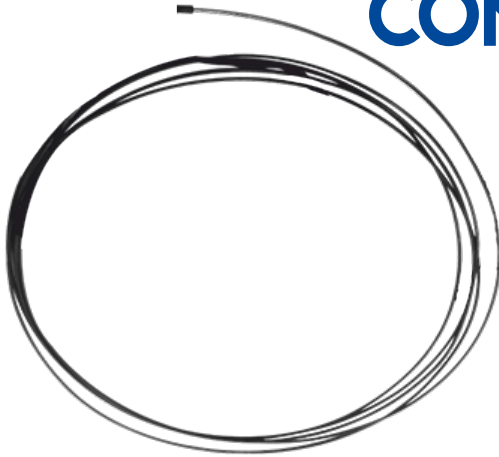




AUTOMATIC FIRE EXTINGUISHING SYSTEMS

CONTINUOUS HEAT SENSOR

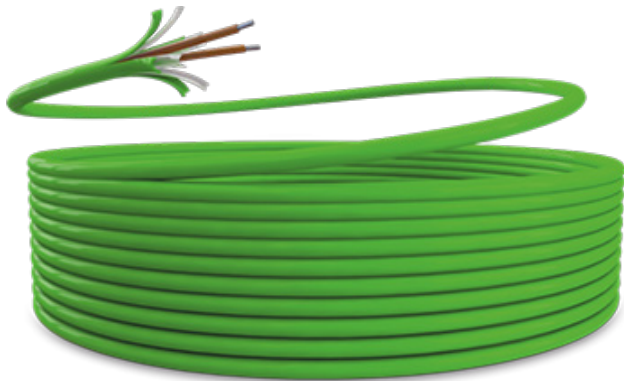


TECHNICAL SPECIFICATIONS

- Self-repairing (it can turn back to normal after it reaches 870°C temperature)
- K-Type TC components
- Resistant to chemical actions
- It has grounding specification
- It can still detect even after the wire is cut into pieces
- Storage temperature: -55°C +800°C
- Flexibility: Elasticity feature
- Thickness: 6 mm
- Coating material: Inconel coating
- Measurement type: K type thermocouple

Continuous sensor thermal wires are used for detecting the fire in the areas they are located in cases of fire. In this system, it is aimed to detect fire by fastening the continuous thermal wire on surfaces in the area desired to be protected from fire. As for detection period, detection can be performed within 5 up to 20 seconds depending on magnitude, class of fire and the area it bursts out.

As for detection temperature it can make detection between 50 and 250 degrees according to customer's desire. It can transmit detection temperature to control box and the ambient temperature can also be measured. It is suitable for the multistructured complicated systems which are not suitable for UV-IR detectors to make detection. It is multi-usable and can continue detection after each activation. It has an operation temperature between -55°C and +250°C and it is extensively used on tank engines, electrical panels and generators.



LINEAR SENSOR WIRE

TECHNICAL SPECIFICATIONS

- Disposable
- With wide detection area
- Wire gauge: 6 mm
- Bending radius: 150 mm
- Operation temperature: -55 °C + 170 °C
- Storage temperature: -55 °C + 170 °C
- MTBF period 200,000 hours
- Design length range between 1 meter and 15 meters
- Pre-set alarm levels: 120 -150 -170° C

Linear sensor thermal wires are used for detecting the fire in the areas they are located in cases of fire. In this system, it is aimed to detect fire by fastening the thermal wire on surfaces in the area desired to be protected from fire. As for detection period, detection can be performed within 10 up to 40 seconds depending on magnitude, class of fire and the area it bursts out. When the ambient temperature reaches to 180 °C, the structure of the wire starts to get damaged and the outer layer melts and the wires inside touch each other and conduct fire alarm to control box.

It is suitable for the multistructured complicated systems which are not suitable for UV-IR detectors to make detection. It is disposable and should be changed after each activation. It has an operation temperature between -55°C and +170°C. In general, it is extensively used on vehicle engines, electrical panels and generators.