F3052-0100

Analoges LHD-Kabel mit PVC-Ummantelung und Edelstahlgeflecht, 100 m

General

The F3052-0100 is an analogue linear heat detection cable in a PVC outer sheath with a Stainless Steel braid, supplied in 100m lengths. Similar in character to the standard PVC LHD sensor cable, the stainless steel braid provides additional mechanical protection for cables which could possibly suffer physical damage.

In temperature sensitive environments early detection of an abnormal change is crucial to protect safety of life, critical processes and reduce losses. The Alarmline II analogue range of linear heat detection cable use exceptionally durable linear heat detection technologies which provide extensive and continuous coverage, is easy to install and fully integrate with building management systems. The products offer an enviable set of features bringing enhanced benefits and increased safety to the fire protection industry worldwide.

Fast Response Time

This unique sensor cable and its method of control continuously responds to changes in temperature. The technology offers the facility to programme an early warning pre-alarm as well as the specified alarm temperature. If the temperature surrounding the cable reaches the pre-alarm point, the control unit triggers a warning giving the user time to survey the area at risk. Only when the temperature reaches the specified set alarm point will the control unit trigger full alarm.

The Controller

The optional two stage programmable alarm settings make the system and method of overheat detection incredibly flexible and ideal for use in a variety of different environments and applications. The technology automatically compensates for changes in the ambient temperature to maintain the accuracy of alarm temperature as well as offering up to 500 metres of continuous detection per control unit.

Two control units are available. One is a self-contained unit or, for finer control, a version requiring a PC prevents uninvited system access. Both designs are compatible with any conventional or addressable fire alarm panel or other building management system.

Reset and Reuse

Analogue LHD cable is “self-restorable” which means it not always necessary to replace the cable after an incident. Once the alarm has been triggered and depending on the severity of the incident the system can simply be reset with minimum disruption and inconvenience.



Einzelheiten

- RoHS-konform und CE-zertifiziert, um die Endbenutzerspezifikationen zu erfüllen
- Die Erkennung von Unterbrechungen und Kurzschlüssen verringert das Risiko von Fehlalarmen
- Optionale Voralarmeinstellung ermöglicht dem Benutzer ein effektiveres Risikomanagement
- Kabelbasierte Sensorik ermöglicht Erkennung am Gefahrenpunkt
- Niedrige Installations- und Wartungskosten reduzieren die Gesamtbetriebskosten
- Geeignet für die Installation in explosionsgefährdeten Bereichen

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Technische Spezifikationen

Electrical

Operating voltage	0 bis 20 VDC 0 bis 30 VDC

Physical

Physical dimensions	5,10 mm +/- 0,075 mm (nominaler Außendurchmesser)
Net weight	3,52 kg
Mounting type	Kabelhalterung

Environmental

Operating temperature	-40°C bis +125°C (Betriebsgrenzen) -40°C bis +90°C (Dauerbetrieb)
Relative humidity	0 bis 99 % nicht kondensierend
Environment	Drinnen, Draussen

Regulatory

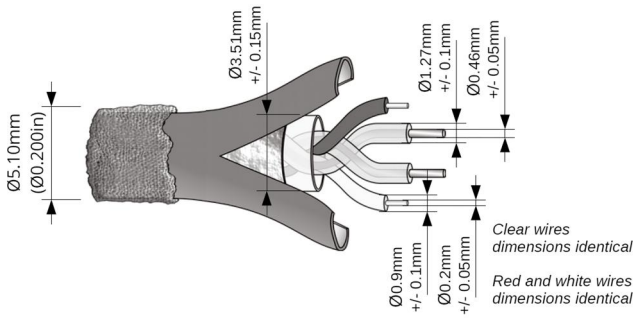
Compliancy	RoHS
Certification	CE

Detektion

Umgebungstemperatur bis zu 30°C	Alarmtemperatur 54°C
Umgebungstemperatur bis zu 47°C	Alarmtemperaturen 64°C / 72°C / 79°C
Umgebungstemperatur bis zu 69°C	Alarmtemperaturen 86°C / 100°C

Kompatible Produkte

Kategorie	Referenz	Beschreibung
Detection device	AAECU	AlarmLine II, Analoge EN linienförmige Wärmemelder- Auswerteeinheit (LHD-Bedieneinheit)



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