AAP-0500 (Artikelnummer 22-11800-052)

Alarmline II Analogue LHD Cable w/ Polypropylene Sheath, 500 m

Allgemein

The AAP-0500 is an analogue linear heat detection cable in a Polypropylene outer sheath, supplied in 500m lenghts. The clear polypropylene outer sheath provides additional chemical protection allowing it to be installed in more caustic environments.

In temperature sensitive environments early detection of an abnormal change is crucial to protect safety of life, critical processes and reduce losses. The AA 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.

Schnelle Reaktionszeit

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.

Das Steuergerät

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.

Zurücksetzen und wiederverwenden

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.
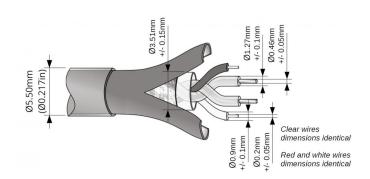
Details

- RoHS compliant and CE certified to meet end user specifications
- Open and short circuit detection reduces the risk of false alarms
- Optional pre-alarm setting allows the user to manage risk more effectively
- Cable based sensing allows detection at the point of risk
- Low installation and maintenance costs reduce total cost of ownership
- Suitable for installation in hazardous areas

Chubb

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Technische Daten

Physikalische Angaben

Nettogewicht	15.215 kg

Umweltbedingungen

Betriebstemperatur	-40 to +125°C
Relative Luftfeuchtigkeit	0 to 90% noncondensing
Umgebung	Innen, Außen

Standards & Zertifizierungen

Zertifizierung	CE

Mechanische Daten

Outside diameter (Nominal)	5.50mm +/- 0.075mm (0.217" +/-0.003")
No of cores	4
Core colours	Red, White, Clear, Clear
Zone length (min to max)	30.5m to 500m
Weight	15.215kg

Umweltbedingungen

Operating temperature limits	-40°C to +125°C
Operating temperature (continuous)	-40°C to +90°C
Relative humidity	0% to 99%

Detektion

Ambient Temperature upAlarm Temperature - 54°C to 30°C
Ambient Temperature upAlarm Temperatures - 64°C / 72°C / 79°C to 47°C
Ambient Temperature upAlarm Temperatures - 86°C / 100°C to 69°C

Ø3.51mm +/- 0.15mm
Ø1.27mm +/- 0.1mm
Ø0.46mm +/- 0.05mm
Ø5.50mm (Ø0.217in)
Ø0.9mm +/- 0.1mm
Ø0.2mm +/- 0.05mm

Clear wires dimensions identical

Red and white wires dimensions identical

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