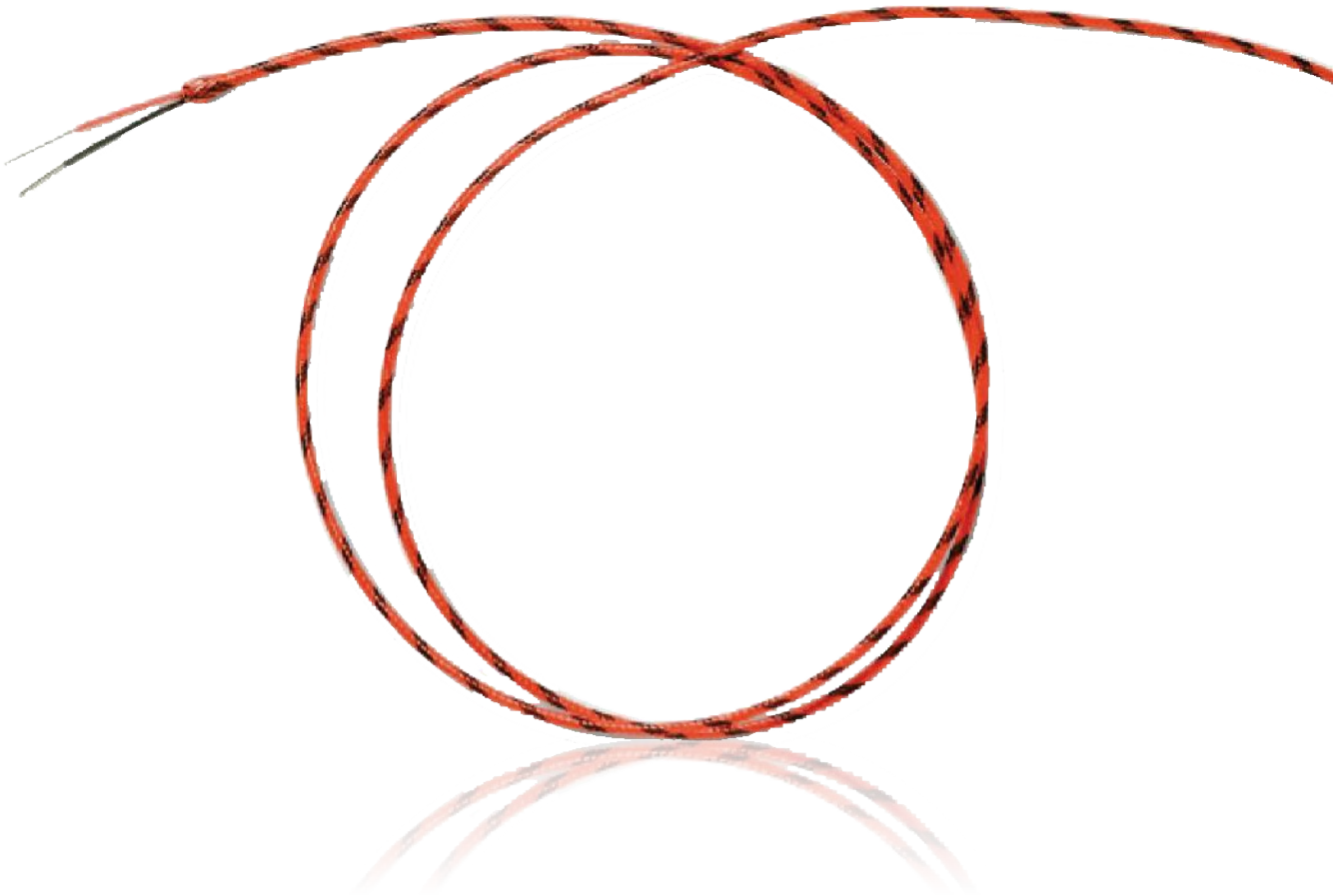
CHANNEL

SAFETY SYSTEMS

Alarmline Cable



Fire accessories

from Channel Safety Systems

BAFE

FIA Fire Industry Association

Linear Heat Detection Cable

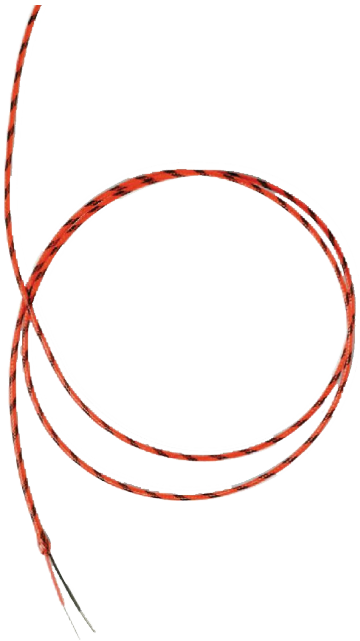
The Alarmline cable may be used in areas unsuitable for stand alone heat detectors.

The Alarmline cable is designed to detect at fixed temperature along its entire length. Upon operation, the cable gives a short circuit signal which can be linked very simply to your existing fire alarm system.

Fully monitored by use of an end of line resistor, Alarmline cable offers detection in areas previously unprotected.

Features

- Environmental -65˚C to +200˚C
- 4 detection temperature ranges from 61˚C to 189˚C
- Simple interface to any BS5839 system, FM approved
- Fully monitored
- Twin-conductor switching heat sensing cable
- Effective monitoring at precise point of risk
- Economical, reliable and durable detection
- Simple and easy to install
- Applied where other types of fire detection are unsuitable
- Ideal for dirty or harsh environments such as :-
  - Escalator pits
  - Pipe and cable tunnels/trays
  - Conveyor belts
  - Petro chemical
  - Freezers cold rooms
  - Within racking



All cables are supplied in 100m increments

Pipe clip (F/AL/P CLIP) is made from stainless steel.

T clip (F/AL/T CLIP), made from plastic is used to fix all Alarmline cable surfaces that are suitable for drilling.

Both F/AL/K82023 & F/AL/K82024 come in packs of 10

SPECIFICATIONS	
All cables	Tinned copper-covered steel Conductor diameter 0.9mm (nominal)
Maximum conductor resistance (per km at 20°C)	100 ohms
Voltage Rating	100V DC
Insulation Material	Temperature sensitive to 1.55mm thickness
Inner Cores	H8028, H8040, H8040N, H8045, H8045N: each two cores (red and black) twinned together: 3.0mm dia (nominal) H8069: two cores (black and white) twinned together: 3.0mm dia (nominal)
Outer Sheath	H8040: Polythene braid (red with green ID tracer): 3.65mm dia (nominal) H8040N: (black nylon) 3.0mm dia (nominal) H8045: Polythene braid (red with black ID tracer): 3.65mm dia (nominal) H8045N: (black nylon) 3.0mm dia (nominal) H8028: PVC (black): 4.25mm dia (nominal) H8069: PVC (red): 4.25mm dia (nominal)

PRODUCT CODE	DESCRIPTION
F/AL/H8040N	63˚-70˚C Alarmline cable (67˚C nominal)
F/AL/H8045N	79˚-95˚C Alarmline cable (87˚C nominal)
F/AL/H8028	101˚-108˚C Alarmline cable (105˚C nominal)
F/AL/H8069	177˚-189˚C Alarmine cable (183˚C nominal)
F/AL/P CLIP	Pipe clip for use with Alarmline cable
F/AL/T CLIP	T clip for use with Alarmline cable
F/AL/K82023	End of line termination kit (pack of 10)
F/AL/K82024	In-line joining kit (pack of 10)

www.channelsafety.co.uk
Tel: 0845 884 7000
Email: sales@channelsafety.co.uk

Errors & ommissions excluded. Specification is subject to change without notice.

revision 013-1