



Signaline HD

WHAT IS HD?

Signaline HD is an analogue resettable linear heat detector that monitors significant increases in temperature.

An electronic controller connected to the cable monitors the condition of the cable to sense any change in temperature by continually measuring the electrical resistance between the metallic core and screen. If the change in temperature is sufficient the controller creates an alarm.

KEY POINTS

- EN54-5 approved
- Sold in 50m increments, up to 500m per reel
- Zero maintenance
- Weather-proof heat detector
- Fully resettable
- Addressable and conventional controllers available
- No setup or programming required
- Intrinsically safe when integrated with a barrier
- Up to 300m in a single zone



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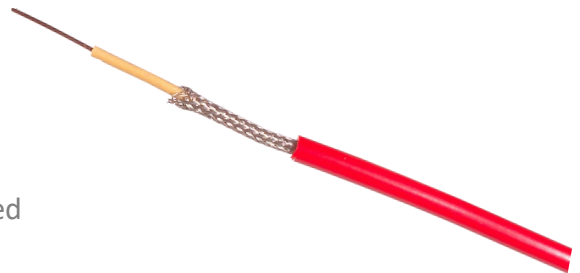


Signaline HD

ANALOGUE HEAT DETECTION

Signaline HD

- PVC outer coat
- Reports fire upon a change in resistance
- Provides class C response (EN54 approved)
- Resettable once cool. No need to replace unless damaged



Signaline HD-R

- Signaline HD with protective nylon coating
- Resistant to oils, corrosive chemicals/gasses and high UV levels
- Provides class C response (EN54 approved)
- Resettable once cool. No need to replace unless damaged



Signaline HD-S

- Signaline HD with a braided stainless steel sleeve
- High mechanical protection
- Helps prevent expensive maintenance/repair costs
- Resettable once cool. No need to replace unless damaged





Signaline HD CONTROLLERS

All Signaline HD Linear Heat Detectors (Signaline HD) must be used with a controller.

Signaline HD Controllers provide early warning of an impending fire by detecting overheating in cable ducts, road tunnels, escalators, car parks, lift shafts, conveyer belts and similar difficult to monitor environments.

The system uses Signaline HD Linear Heat Detector and a Signaline HD Controller plus a Signaline End of Line Unit. Signaline HD Controllers are very simple and easy to use.

All Signaline controllers are delivered complete with End of Line.



HD-SKM-03

- Conventional controller
- The SKM measures the condition of the cable. (normal, open circuit, short circuit, fire)
- Equipped with volt free fire & fault relays that are connected to the fire control panel

HD-SKM-95

- Addressable loop-powered controller
- The SKM measures the condition of the cable. (normal, open circuit, short circuit, fire)

- IP65 rated
- EN54 part 5, class-C approved
- Monitors up to 300m of cable
- Economical and simple to operate



Signaline HD

ACCESSORIES

EOL

- Standard End of Line device for use with Signaline HD.
- Included with purchase of Signaline controllers
- IP66 enclosure



UCB

- Can be used as an end of line enclosure, junction box or an interposing line unit
- Supplied with appropriately sized cable glands, terminal block and 470, 680 ohm resistors
- IP66 enclosure



K Clip

- Designed specifically for Signaline HD
- No wall plug or screw needed
- 6mm dia. knock-in spigot
- Cable stands off wall by 4.5mm
- More clips available on pages 12-13

