



Signaline HD+ R

Programmable Temperature Linear Heat Detector

With Nylon Coating



Resettable Line Type Heat Detector

EN54 Part 22 Approved

UL Approved

Nylon coating for increased Chemical and UV protection

Fire
detection



Signaline





Model	Signaline HD+ R
Alarm class	EN54-22:2015+A1:2020 (Class A1I, A2I and BI) UL521 "Heat Detectors for Fire Protective Signalling Systems"
Operating temperature	-40°C to +125°C
Environmental Group	II
Max zone length	500m / 1640ft (all alarm settings)
Min zone length	50m / 164ft (Class A1I/A2I and 54 °C alarm settings) 30m / 100ft (all other alarm settings)
Conductor resistance	White core resistance per mtr ; Approx 17 Ω/m Red core resistance per mtr; Approx 3.3 Ω/m Clear core resistance per mtr (each); Approx 0.1 Ω/m
Minimum bend radius	100mm (4 in)
Overall diameter	6.00mm
Weight	36.3kg per km
Construction	Overall insulated, 4-core twisted with 100% coverage foil-shield and shield dump wire
Colour	Black
Recommended fixing	Signaline Q Clip (stainless steel fixing required for EN54 compliance)

Signaline HD+ R is an advanced Programmable Temperature Linear Heat Detector. When used with the Signaline HD+ Controller and EOL, the user can select various alarm response temperature or class as well as pre-alarm settings.

The controller is easily adjusted for the length of cable being used.

Signaline HD+ R Temperature Linear Heat Detectors are resettable after a over-heat event as long as the maximum ambient (see above) has not been exceeded.



Signaline HD+ R must be used in conjunction with Signaline HD+ controller and EOL

For our full range of linear heat detectors please visit www.Signaline.com



Signaline is proudly manufactured in the UK