



SIGNALINE

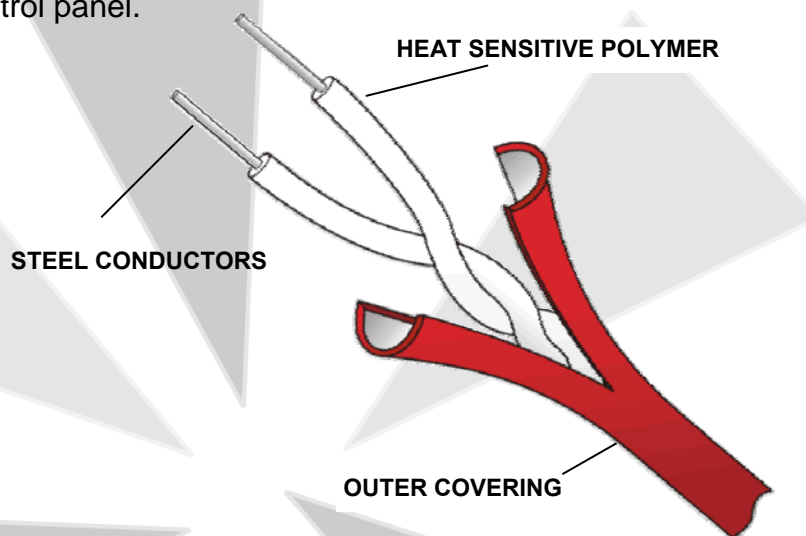
Fixed Temperature Heat Sensing Cable

Signaline Fixed Temperature (FT) heat sensing cable detects a build up of heat anywhere along its length. When any point along the length of the cable reaches a predetermined temperature an alarm is initiated.

Signaline FT cable is available in three different temperature settings and two outer cover options making the Signaline FT cable suitable for use in a very wide range of applications.

Signaline FT Cable Operation

Signaline FT cable is comprised of two steel conductors individually insulated with a heat sensitive polymer that are twisted together. At the rated temperature the heat sensitive polymer insulation breaks down permitting the steel conductors to move into contact with each other. This forms a closed switch contact that can be used to signal an alarm condition at the control panel.



Signaline FT cable can be installed in hazardous areas when suitably protected by an intrinsically safe barrier.

Please refer to the Signaline application notes available at www.Lgmproducts.com



SEE PAGE 2 FOR DETAILED SPECIFICATIONS

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Fixed Temperature Heat Sensing Cable Specifications

Part No	Alarm Temp °C / °F	Maximum Ambient °C / °F	Outer Sheath Material	Colour	Overall Diameter mm	Approval
FT68	68°C 155°F	45°C 113°F	PVC	RED	3.5	FM/UL
FT68R	68°C 155°F	45°C 113°F	Chemical Resistant Nylon	BLACK	4.5	UL
FT88	88°C 190°F	70°C 158°F	PVC	WHITE	3.5	FM/UL
FT88R	88°C 190°F	70°C 158°F	Chemical Resistant Nylon	BLACK	4.5	UL
FT105	105°C 220°F	85°C 185°F	PVC	WHITE	3.5	FM/UL
FT105R	105°C 220°F	85°C 185°F	Chemical Resistant Nylon	BLACK	4.5	UL

Common Specification

Conductor Resistance	0.190Ω/m 0.0579Ω/FT @ 20°C
Max Voltage	42Vdc 30Vac
Dielectric Withstand (UL)	500Vdc
Tensile Strength	1700 N/mm ²
Minimum Bend Radius	75mm
Weight	12Kg/500m

Accessories

A full range of cable fixings, junction boxes, intrinsically safe barriers and zone monitor panels are available. (Please see our website for details)

Other Signaline Products

Signaline Alarm Point Distance Location Module identifies the point along the Signaline FT cable where the alarm occurred. The unit displays the distance from the module to the alarm point in both feet and metres.

Signaline HD Analogue Cable is fully resettable EN54 compliant VdS approved heat sensing cable. It is ideal for use in confined spaces where access is restricted such as escalators, cable tunnels and shafts. (Please see our website for details)

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