



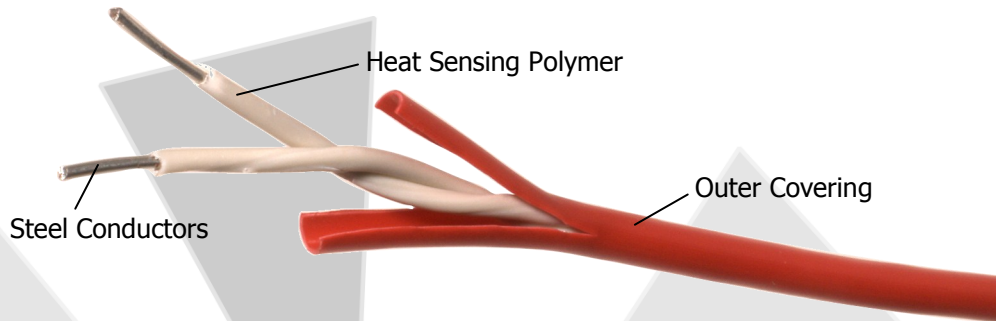
Signaline Fixed Temperature Heat Sensing Cable

Signaline Fixed Temperature Heat Sensing Cable (Signaline FT) 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 is available in four different temperature settings and two outer cover options making the Signaline FT suitable for use in a very wide range of applications.

Signaline FT Operation

Signaline FT 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





Signaline Fixed Temperature Heat Sensing Cable

Part No	AlarmTemp °C/°F	Maximum Ambient °C/°F	Outer Sheath Material	Colour	Overall Diameter mm	Approval
FT-68	68/155	45/113	PVC	RED	3.5	FM/UL
FT-68-R	68/155	45/113	Chemical Resistant Nylon	BLACK	4.5	UL
FT-88	88/190	70/158	PVC	WHITE	3.5	FM/UL
FT-88-R	88/190	70/158	Chemical Resistant Nylon	BLACK	4.5	UL
FT-105	105/220	85/185	PVC	WHITE	3.5	FM/UL
FT-105-R	105/220	85/185	Chemical Resistant Nylon	BLACK	4.5	UL
FT-185-R	185/365	125/257	Chemical Resistant Nylon	RED	3.6	UL

Common Specification

Conductor Resistance	0.190Ω/m or 0.0579Ω/FT @ 20°C
Max Voltage	42Vdc or 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, Signaline Universal Connector 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)