



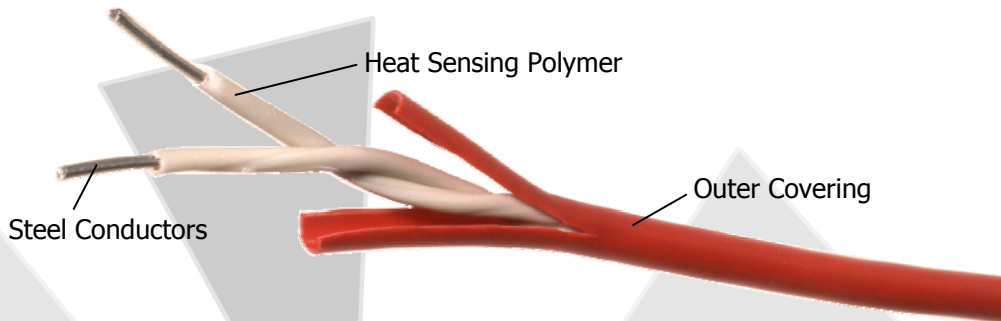
## Signaline Fixed Temperature Heat Sensing Cable

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](http://www.Lgmproducts.com)



LGM PRODUCTS LTD  
UNIT 15 RIVERSIDE INDUSTRIAL PARK  
FARNHAM  
SURREY GU9 7UG  
UNITED KINGDOM

TEL +44 (0) 1252 725257  
FAX +44 (0) 1252 727627  
E-mail [sales@Lgmproducts.com](mailto:sales@Lgmproducts.com)  
[www.signaline.com](http://www.signaline.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

<b>Conductor Resistance</b>	0.190Ω/m or 0.0579Ω/FT @ 20°C
<b>Max Voltage</b>	42Vdc or 30Vac
<b>Dielectric Withstand (UL)</b>	500Vdc
<b>Tensile Strength</b>	1700 N/mm <sup>2</sup>
<b>Minimum Bend Radius</b>	75mm
<b>Weight</b>	12Kg/500m
<b>Minimum Operating temperature</b>	-40°C (Minimum bend radius should be doubled when installing the cable below 0°C)

### 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)

### Stainless Steel

The Signaline FT cables can also be supplied with a stainless steel outer braid. Please contact our sales office 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.

LGM PRODUCTS LTD  
 UNIT 15 RIVERSIDE INDUSTRIAL PARK  
 FARNHAM  
 SURREY GU9 7UG  
 UNITED KINGDOM

TEL +44 (0) 1252 725257  
 FAX +44 (0) 1252 727627  
 E-mail sales@Lgmproducts.com  
 www.signaline.com