



Key Features

EN54-28:2016 approved



Up to 1,000m (3,280ft) per zone (when used with the FLDC-EN54)



Fixed sensitivity and detection along the entire length of sensor cable



UV stable and hydrocarbon resistant



CE marked



Overview

FyreLine EN54 Fixed Linear Heat Detection Cable is a non-resettable line-type heat detector. It uses fixed temperature detection technology to provide a simple method of sensing changes in temperature. With a temperature rating of either 78°C or 88°C, FyreLine EN54 heat sensing cable is suitable for a wide range of applications and environments such as tunnels, cable trays, warehousing, escalators and other applications where the risks of fire are hidden from view.

The cable's protective outer coating is: UV stable and hydrocarbon resistant; low smoke; zero halogen; oil resistant; and flame retardant making it suitable for almost any application.

FyreLine EN54 Fixed Linear Heat Detection Cable has been approved to EN54-28:2016 in conjunction with the Fyre-Line EN54 Fixed Controller and FyreLine EN54 Fixed EOL.

Tech Specs

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| Product Type | Non-resettable Line-type Heat Detector |
| Construction | Overall Insulated, Twisted Pair of Stainless Steel Cores |
| Insulation | 1kV Tested Protective Outer Coatings |
| Additional Insulation Options | Stainless Steel Over-braiding |
| Approvals | EN54-28:2016, CE Marked, RoHS Compliant |
| Maximum Zone Length | 1,000m (3,280ft) (when used with FLDC-EN54) |
| Wire Overall Diameter | 5.72mm (0.225in) |

Tech Specs

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|---------------------|------------------------------------|
| Minimum Bend Radius | 100mm (4") |
| Max Voltage Rating | 49V AC, 74V DC |
| Resistance | Approx 1.25ohms Per Metre Per Core |

Ordering Information

| Part Number | Description |
|-------------|--|
| 18-411 | EN54 Fixed LHD Cable, LSZH, 78°C Alarm Temp, EN54-28, 100m |
| 18-412 | EN54 Fixed LHD Cable, LSZH, 78°C Alarm Temp, EN54-28, 200m |
| 18-413 | EN54 Fixed LHD Cable, LSZH, 78°C Alarm Temp, EN54-28, 500m |
| 18-421 | EN54 Fixed LHD Cable, LSZH, 88°C Alarm Temp, EN54-28, 100m |
| 18-422 | EN54 Fixed LHD Cable, LSZH, 88°C Alarm Temp, EN54-28, 200m |
| 18-423 | EN54 Fixed LHD Cable, LSZH, 88°C Alarm Temp, EN54-28, 500m |