



Key Features

UL 521 approved



Self-restorable analogue type system with optional pre-alarm setting



Cable based sensing allows detection at the point of risk



Low installation, maintenance and repair costs



Reliable solution for hazardous areas



Overview

The analogue control module is designed for use with FyreLine Analogue Linear Heat Detection cables. The control module interfaces between a fire alarm control panel or addressable module and a single zone of Analogue Linear Heat Detection cable.

The control module monitors the resistance of specially doped polymers within the sensor cable which change as a function of temperature. An abnormal change in resistance along the detection cable triggers either a pre-alarm or alarm on the interface module. The unit is intended to be simple and straightforward to install. Commissioning of the controller can be done using a standard laptop computer or a built-in self-programming module.

The Analogue control module complies with the latest standards and is housed in an IP66 rated enclosure.

Tech Specs

Dimensions (W x H x D)	182mm x 180mm x 90mm (7 1/8" x 7 1/8" x 3 1/2")
Enclosure Rating	IP66 (IK08) polycarbonate with removable cover
Finish	Light grey
Operating Temperature Range	0°C – 50°C
Supply Voltage	20 – 28Vdc
Humidity	0% to 90% RH
Current Consumption, Normal & Fault	<70mA

Tech Specs

Current Consumption, Pre-alarm OR Alarm	<80mA
Current Consumption, Alarm (& Pre-alarm)	<100mA
Current Consumption, Fault	<70mA
Visual Indicators	ALARM: Red PRE-ALARM: Red FAULT: Orange POWER: Green
Relay Outputs	ALARM, PRE-ALARM (all Form C) 2A @ 30Vdc load rating – resistive 0.25A @ 250Vac load rating – resistive
Fault Output	Opto-isolated Phototransistor Output Max 50V @ 20mA
Remote Reset	Isolated input for resetting module remotely (20-28Vdc pulse for at least 5s)
Alarm/Pre-alarm Temperature Range	54°C to 100°C (129°F to 212°F)

Ordering Information

Part Number	Description
18-200	Analogue Programmable Interface c/w EOL Module
18-201	Analogue Programmable Interface, PC Only c/w EOL Module