

TECHNICAL DATA SHEET

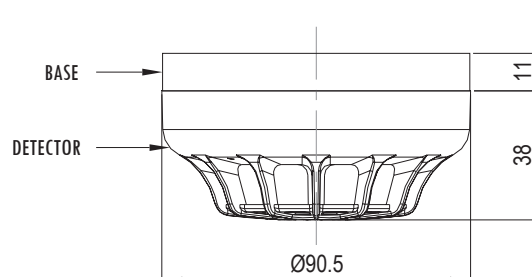
for use by Architects & Engineers

Intelligent Heat Detector

Model No: LFHD-6102



Dimension Details



Features

- Low Profile Design
- Fixed Point Type
- Equipped with CPU Central Processor
- 2-wire non polarity design
- Electronic Heat Thermistor
- Automatic Judge Fire Alarm
- ALARM FIRST! — Less than 1 second
- High Performance at Low Cost
- Twist Lock Base
- Provision for Remote LED Indicator
- Use LF-DP-6190 for device addressing

Description

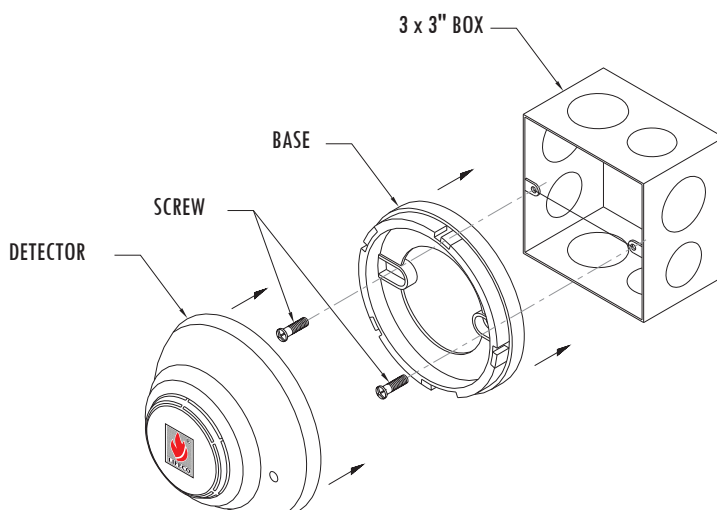
The LF-HD-6102 intelligent heat detector provides an advanced method of detection, address programming and supervision, combined with sophisticated control panel communication. The detector uses a state-of-the-art thermistor providing 143°F (62°C) fixed temperature.

The LF-HD-6102 intelligent heat detector is compatible with the LF-DP-6190 field programmer/tester. This programmer is compact & portable with menu driven accessories which makes programming and testing detectors faster, easier and more reliable than other methods.

The LF-HD-6102 is a plug-in, two wire detector, compatible with the LF-6100 Series Control Panel. Each detector has a microcomputer chip technology and highly solid state electronic circuitry.

This detector, which is shock and corrosion resistant, respond only to heat, so its suitable for use in areas where normal conditions would prohibit the use of a smoke detector.

Installation Details



Technical & Environmental Specification

Operating voltage	18~26V DC
Standby current	≤350μA
Alarm current	≤1.5mA
Set temperature	57°C
Operating temperature	-10°C~+50°C
Relative humidity	≤95%
Detector dimension	Ø91x38.0mm (w/base)
Dimension including base	Ø91x45.5mm (w/base)
Weight	About 100g
Color	White
Standard	EN 54-5 (Class A2S)
Indoor use only	

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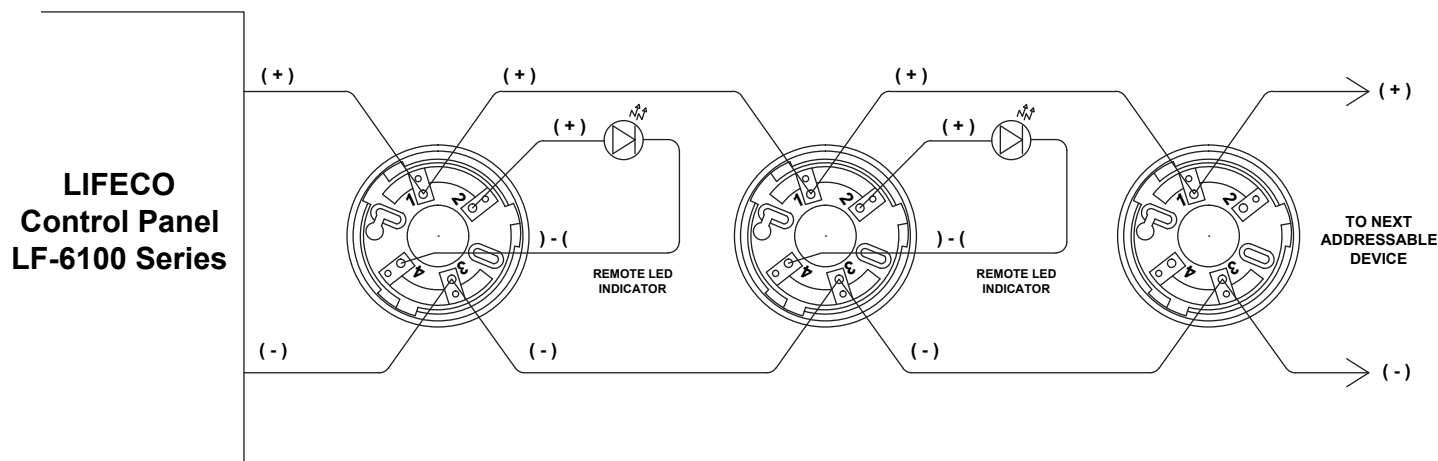
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Wiring Details

There are four connecting terminals on each detector base. Terminal L1 and L3 utilized for loop wiring and terminal 2 and 4 is used to connect a Remote LED Indicator. The tip of the line conductor terminating at the detector base should either be used with terminal lugs or coated with tin for high conductivity and reliability of the system.



The detector circuit requires a twisted pair copper cable with a diameter of not less than 1.5mm². The total resistance of the conductor based on the loop length should not exceed 30Ω.