

TECHNICAL DATA SHEET

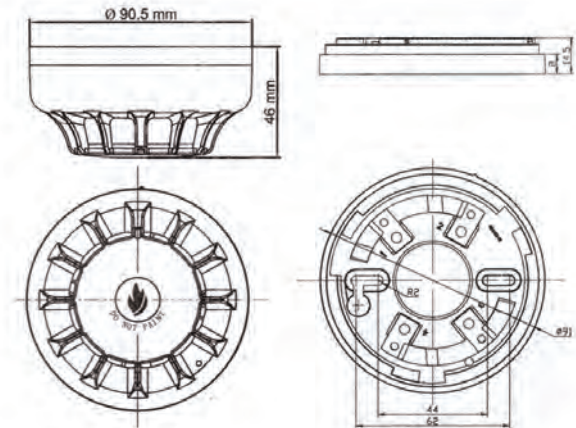
for use by Architects & Engineers

Photo Electric Smoke Detector

Model No: LF-PE-4111



Dimension Details



Features

- Microprocessor based design
- High accuracy of fire detection
- Quick fire alarm transfer speed
- Special chamber design
- Polarized wiring
- Provision for remote LED Indicator
- Ease of maintenance

Description

The LF-PE-4111 Conventional type Photoelectric Smoke Detector uses a specialized smoke chamber design, which could sense the presence of smoke particles produced by fast combustion or slow smoldering fire. Combining fire algorithms stored on its memory with the special three part design of the smoke chamber and given the photo-sensor's viewing angle, the detector can effectively sense both white smoke and black smoke with virtually no false alarm.

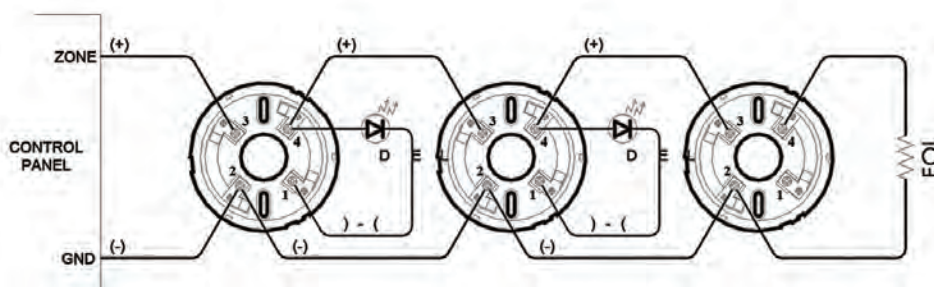
Accurate analysis of fire is achieved using its built in microprocessor and fire data stored in its non-volatile memory. With the detectors automatic environmental compensation settings, it would adjust itself according to its environment or application thus improving the veracity of fire judgment.

The LF-PE-4111 Conventional type Photoelectric smoke detector also has the provision of connecting a remote LED indicator.

The detector's design widely applies to all kinds of industrial and commercial constructions with its high resistance to humidity, wide operating temperature range, high reliability and ease of installation and configuration.

Technical & Environmental Specification

Operating Voltage	18 – 26 V
Quiescent current	≤ 65µA
Alarm current	≥ mA
Operating temperature	-10~+50°C
Relative humidity	≤ 95% Non condensing
Detector dimension	Ø90.5 x 38.0mm
Dimension including base	Ø91.0 x 45.5mm
Weight	About 100g
Color	White
Indoor use only	



Note:
Remove EOL
from panel to
the last device