



Conventional Optical Smoke Detector



Summary

EC-DO is conventional photo-electronic smoke detector using a state-of-the-art optical sensing chamber. This detector is designed to provide open area protection and to be used with most conventional fire alarm panel.

Two LEDs on each detector provide local 360° visible alarm indication. They flash every six seconds indicating that power is applied and the detector is working properly. The LEDs latch on in alarm. LEDs will not illuminate if a trouble condition exists indicating that the detector sensitivity is outside the listed limit.

The detector that initiated the alarm condition will have its red LED and relays latched until reset by the panel.

Key Points

- 360 degree viewable LED's
- Pulse on healthy
- Supports Remote LED connection
- LPCB EN54-7 Approved
- Fully servicable chamber
- Displays when contamination exceeds working limit

Technical Specification	
Operating Voltage Range	9Vdc to 28Vdc Non-polarized
Operating Current - Standby	<120uA @ 24Vdc
Maximum Alarm Current (LED on)	15mA @ 24Vdc
Operating Environment - Temperature	-10°C to 50°C
Operating Environment - Relative Humidity	≤95%RH(40°C±2°C)RelativeHumidity, Non-condensing
Smoke Sensitivity	0.1-0.15dB/m
Indicator Lights	2 LED (360° View)
Diameter	99.45mm
Height	48.2mm Installed on Base
Standard No. Ref	EN 54-7:2000
EC Certificate	0832-CPR-F2071

