

Fyreye MkII Addressable Smoke Detectors

(MKII-AOP, MKII-AOH)









Description

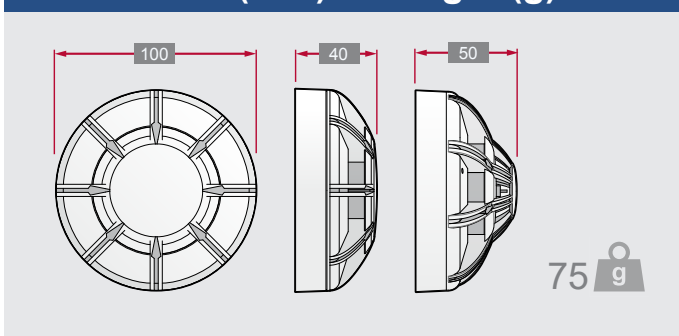
The Fyreye MKII optical smoke detector (MKII-AOP) uses a pulsing IR LED & photodiode to detect IR scatter caused by smoke entering the chamber.

The detector is particularly suitable for detecting optically dense smoke, involving materials such as soft furnishings, PVC, plastic, foam and all similar materials which produce small visible particles (0.5 to 10µm).

Features

-  Designed to meet EN54 requirement
-  Lockable to base to stop unauthorised removal
-  Remote LED output
-  8 LEDs for improved, 360° visibility
-  Compatible with all Fyreye MkII bases
-  Addressed with dip switches or hand-held programmer

Dimensions (mm) & Weight (g)



Technical Specification

| Model | MKII-AOP | MKII-AOP/B | MKII-AOH | MKII-AOH/B |
|------------------------|-----------------------|------------|---|------------|
| Part No. | 80-210 | 80-210/B | 80-216 | 80-216/B |
| Detector Class | Optical Smoke | | Combined Smoke & Heat A1 | |
| Design Standard | EN54 part 7 | | EN54 parts 5 & 7 | |
| Approval | LPCB | | | |
| Operating Voltage | 17 to 28V DC | | | |
| Quiescent Current | 500µA | | | |
| Alarm Current @ 24V DC | 5mA | | | |
| Operating Temp. (°C) | -10 to +50°C | | -10 to +50°C | |
| Min. Continuous Temp. | 0°C | | | |
| Max. Humidity | 95% RH non-condensing | | | |
| Alarm Condition | 0.09dB/m to 0.11dB/m | | 0.09dB/m to 0.12dB/m Fixed heat trigger @ 57°C | |
| Coverage | 100m ² | | 100m ² | |
| IP Rating | IP43 | | | |
| Start-up Time | 10 Seconds | | | |
| Size (with Base) | 100 x 49 mm | | 100 x 59 mm | |
| Weight (with Base) | 75g (133g) | | | |
| Remote Output | 5mA at 24VDC | | | |