



Key Features

Low Profile



360 Degree LED Indication



Lockable to base to stop unauthorised removal



Remote LED Output



LPCB approved



Overview

The optical smoke detector uses a pulsing IR LED and photo diode 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).

Profyre Compatible Conventional Panels

The ProFyre conventional detector range has been designed to complement the ProFyre C8 and C24 conventional control panels.

360 Degree Indication

The range has been housed in a stylish and attractive moulding with 360 degree LED indication.

Approvals

The ProFyre conventional optical detector is fully approved by LPCB for safe use and installation in any European Union country and bears the CE mark to show that it complies with all the applicable Directives including the CPR, EMC and the Low Voltage Directive (LVD).

EN54-7:2000 + A1:2002 + A2:2006

Fire detection and fire alarm systems. Smoke detectors. Point smoke detectors that operate using scattered light, transmitted light or ionization.

Tech Specs

Alarm Condition	2.4% obs/m
Coverage	100m ²
Operating Voltage	10.50 to 33Vdc
Quiescent Current	40μA
Alarm Current	35mA
Operating Conditions	Tested to: -10°C to +50°C (14°F to 122°F) Maximum Continuous Temperature: 0°C (32°F) Humidity: 0% to 95% RH, non-condensing
IP Rating	IP43
Design Environment	Indoor Use Only
Weight	0.075kg (0.16lbs)

Ordering Information

Part Number	Description
12-020	ProFyre Conventional Optical Smoke Detector