## Key Features

- Low Profile
- 360 Degree LED Indication
- Lockable to base to stop unauthorised removal
- Remote LED Output
- LPCB approved

## Overview

The conventional range comprises of:

**ProFyre Conventional A2R Heat Detector (Rate of Rise)**
The rate of rise heat detectors use a thermistor arrangement to sense a quick rise in temperature and also a fixed threshold temperature of 57°C.

**ProFyre Conventional A2S Detector (Fixed Heat)**
The fixed heat detector has a single thermistor arrangement that initiates an alarm at a temperature of 57°C.

**ProFyre Conventional CS Detector (Fixed Heat)**
The fixed heat detector has a single thermistor arrangement that initiates an alarm at a temperature of 90°C.

## 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 heat detectors are 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).

**EN 54-5:2000 + A1:2002**
Fire detection and fire alarm systems. Heat detectors. Point detectors.

## Tech Specs

| | |
|---|---|
| **Alarm Condition** | Rate of Rise & Fixed Heat (A2R): 57°C<br>Fixed Heat (A2S): 57°C<br>Fixed Heat (CS): 90°C |
| **Coverage** | 50m$^2$ |
| **Operating Voltage** | 10.50 to 33Vdc |
| **Quiescent Current** | 40µA |
| **Alarm Current** | 35mA |
| **Remote Output** | 20mA at 24Vdc |
| **Operating Conditions** | Tested to: -10°C to +50°C (14°F to 122°F)<br>Maximum Continuous Temperature: 0°C (32°F)<br>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 |
|---|---|
| **12-021** | ProFyre Conventional A2R (ROR) Heat Detector |
| **12-022** | ProFyre Conventional A2S (Fixed) Heat Detector |
| **12-024** | ProFyre Conventional A2S (Fixed) Heat Detector |