

# Standard Base FXN520

Suitable detectors for use with the FXN520 standard base



FXN533 optical detector



FXN632 photo-thermal detector



FXN525, FXN524, FXN526 heat detectors



FXN520 standard base

## Overview

The FXN520 conventional standard base has been specifically designed to be compatible with the JSB range of conventional detectors.

This standard base has been designed for flexibility, simplicity and speed of installation.

It incorporates purpose designed devices to provide fault warning if detector is removed whilst maintaining full zone wiring integrity.

The base has a schottky diode in series with the negative terminals to enable fault monitoring and allow the circuit to continue if a detector is removed.

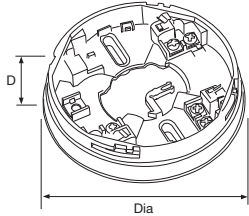
## Features

- Quick and simple to install
- Separate zone in and zone out terminals
- Stand off fixing feature
- Selectable detector locking

## Benefits

- Accepts side entry surface cables
- Common base for JSB conventional detectors

## Dimensions



Dia (mm)	D (mm)
104	22

## Technical Specification

Code	FXN520
Description	Standard base
<b>Physical</b>	
Construction	PC/ABS
Colour	White
Dimensions (Dia x D)	104mm x 22mm
<b>Compatibility</b>	
Suitable for use with	JSB conventional detectors

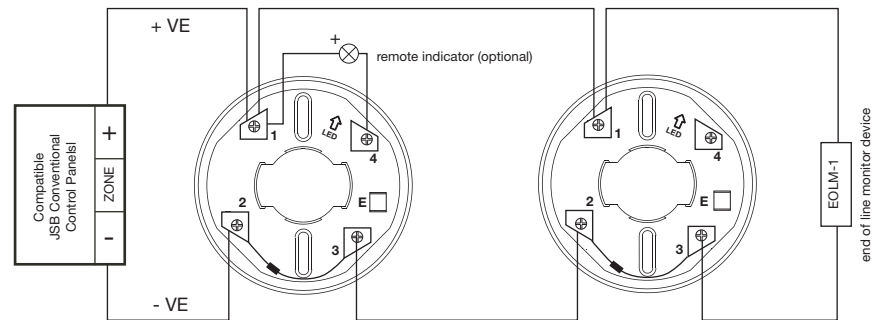
## Installation

1. Base incorporates a retaining clip to provide positive feedback when detector is correctly fitted.
2. Separate terminals are provided for zone in and zone out connections.
3. Each terminal can accept up to 2 x 2.5mm cables
4. Base incorporates a substantial cable entry aperture in the rear of the base.
5. Breakouts are provided to enable the detector base to sit neatly over surface cables and then enter via the rear entry aperture.
6. Base mounting incorporates a stand off feature to help prevent distortion when mounted on an uneven surface.
7. Fixings are suitable for standard BESA box or direct fixing to suitable surface
8. Optional locking devices (supplied with base) to prevent unauthorised detector removal.

## Interface Options

1. JSB conventional detectors and bases support the use of a remote LED (optional extra FX251D).

## Standard Connection



## Product Codes

Code	Description
FXN520	Conventional standard base
FX251D	Conventional remote indicator