**COOPER** Safety
**Fire Systems**

EN54

# Standard Base FXN520

multi-mode detector for use with
the FXN520 standard base



FXN922 multi-mode detector



FXN520 standard base

## Overview

**The JSB Bi-Wire standard base has been specifically designed to be compatible with the JSB Bi-Wire multi-mode detector FXN922.**

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 schotty diode in series with the negative terminals to enable fault monitoring and allow the circuit to continue functioning if a detector is removed.
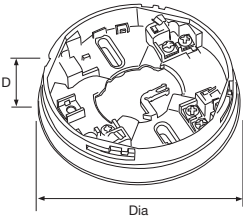
## Features

- Separate zone in and zone out terminals
- Stand off fixing feature
- Selectable detector locking

## Benefits

- Quick and simple to install
- Accepts side entry surface cables

## Dimensions



| Dia (mm) | D (mm) |
|----------|--------|
| 104 | 22 |

## Technical Specification

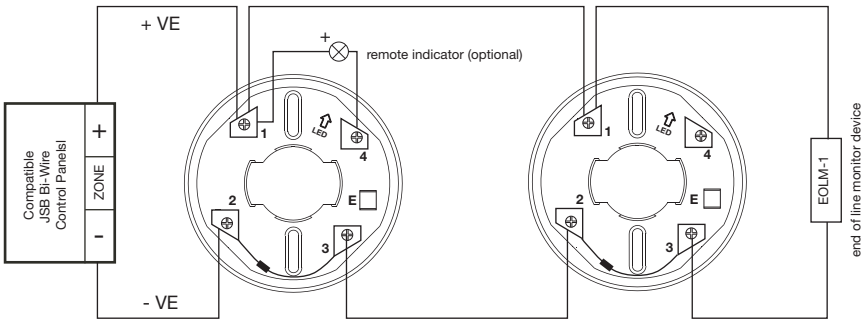| Code | FXN520 |
|------|--------|
| Description | Bi-Wire standard base |
| **Physical** | |
| Construction | PC/ABS |
| Colour | White |
| Dimensions (Dia x D) | 104mm x 22mm |
| **Compatibility** | |
| Suitable for use with | JSB Bi-Wire detectors |

## 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 Bi-Wire detectors and bases support the use of a remote LED (optional extra FX251D).

## Standard Connection



## Product Codes

| Code | Description |
|------|-------------|
| FXN520 | Bi-Wire standard base |
| FX251D | Conventional remote indicator |

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