# ZP7-RB1-P

## ZP7 Series point detector recess mount base

### General

The ZP7-RB1-P detector base is a standard, POLAR WHITE, recess mounted fire detector base for ZP7 series addressable detectors. It allows these detectors to be semi- recessed into ceiling tiles when installed into buildings with suspended ceilings. The detector's low profile is further reduced without any increased difficulty in wiring termination.

### Semi recessed fixing

For ease of installation, the base moulding passes through a clearance hole in the ceiling tile where it is clamped between a retaining flange on the underside of the base moulding and a threaded collar tightened down from above. Tile sections of up to 25 mm can be accommodated.

Common to all the detectors in the ZP7 range, the ZP7-RB1-P allows removal and replacement of detectors without disconnection of wiring from terminals. Detectors plug into the base with a simple twist and lock action, allowing quick and easy removal for cleaning and servicing, or reselection of device type should the usage of the protected area change.

### Robust wiring terminals

All ZP7 bases feature robust wiring terminals with captive clamping washers to ensure secure wiring termination. Terminals are provided inside the moulding for loop connections and the termination of cable screening. Provision is also made for the connection of a remote LED when required.

### Automatic locking option and labelling

In order to prevent unauthorised removal of a detector from its base, an automatic locking breakout is incorporated into all ZP/ base mouldings. If the breakout is removed, detectors can only be released from their bases by use of a special removal tool. The locking facility is an easily applied option often implemented at the system commissioning stage.

Matching spaces for address labels are provided on detector and base mouldings, ensuring that when removed, detectors are replaced in the correct location. The address number facility also enables detectors to be easily identified when viewed from floor level.



### Details

- Enhances detector low profile
- Common to all ZP7 series detectors
- Automatic locking option
- Address identification label
- Ease of installation

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## Technical specifications

### General

| | |
|---|---|
| Compatibility | ZP7 Series systems |
| Connectivity | 2 core loop or spur |

### Electrical

| | |
|---|---|
| Operating voltage | 16 to 22 VDC |
| Communication voltage | 20 V |
| No. of cable cores | 2 |
| Terminals | 5 (Loop +ve in/out, Loop -ve in/out, Cable screen continuity, Remote LED +ve, Remote LED -ve) |

### Physical

| | |
|---|---|
| Physical dimensions | 138 x 38 mm (Ø x H) |
| Net weight | 110 g |
| Colour | Biel polarna |
| Mounting type | Bagkasse, Loftmontering, Forsænket montering |
| Cable entries | 1 |
| Material (body) | Støbt ABS |

### Environmental

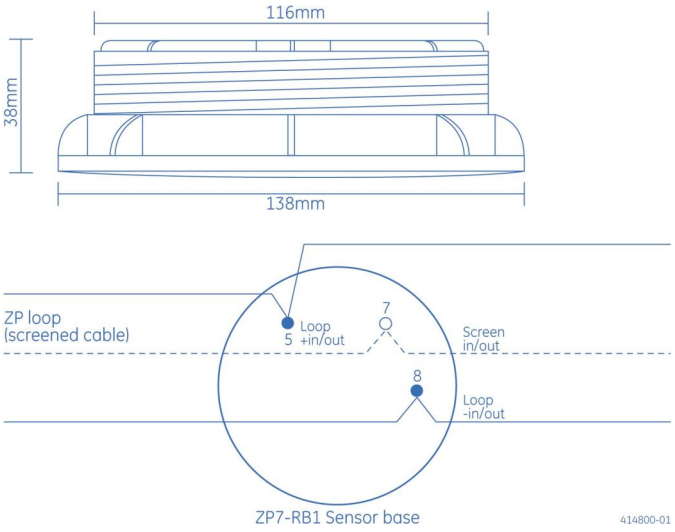
| | |
|---|---|
| Vandal proof | No |
| Operating temperature | -10 to 75°C |
| Relative humidity | 0 to 95% non-condensing |
| Altitude | 0 to 6000 m |
| Environment | Indendør |
| IP rating | IP42 (EN60529) |

### Regulatory

| | |
|---|---|
| Compliancy | CE, REACH, RoHS 2, WEEE |
| Certification | CPR |
| Standards | EN54 (with detector) |
| Environmental | EEC89/336 |

### Compatible products

| Category | Reference | Description |
|---|---|---|
| Detection device | ZP720-3P | Ziton series addressable heat detector |
| Detection device | ZP730-2P | Ziton series addressable optical detector |
| Detection device | ZP732-2P | Ziton series Addressable Dual Detector (Optical & Heat), Polar White |
| Detection device | ZX832-3P | Ziton series addressable multisensor (optical / heat) |




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Last updated on 16 October 2026 - 11:20