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	Polar white
Mounting type	Back box, Ceiling mount, Recessed mount
Cable entries	1
Material (body)	Moulded ABS

Environmental

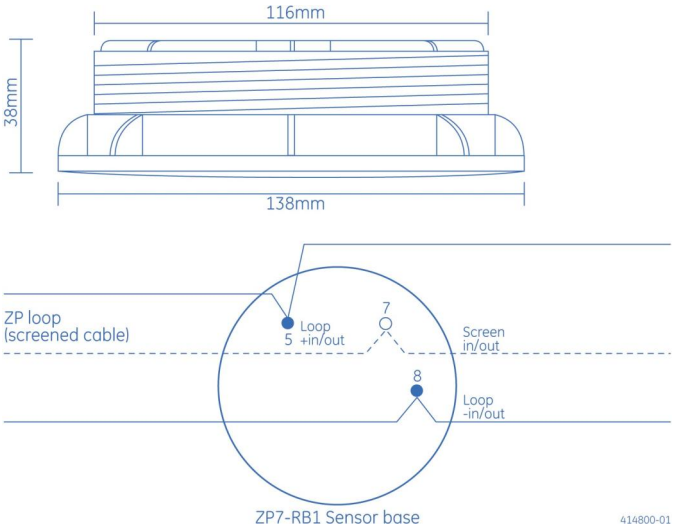
Vandal proof	No
Operating temperature	-10 to 75°C
Relative humidity	0 to 95% non-condensing
Altitude	0 to 6000 m
Environment	Indoor
IP rating	IP42 (EN60529)

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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