

The ZP7-RB1 sensor base, allows ZP700 analogue sensors to be semi recessed into ceiling tiles, when installed into buildings with suspended ceilings. The sensor low profile is further reduced without any increased difficulty in wiring termination.

Simply installed 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.

The base has been designed to comply with the recommendation of BS5839 Pt1: 1988, in that the distance from the middle of the sensing element entry aperture to the ceiling is greater than 25mm.

Common to all the ZP700 range, the base allows removal and replacement of sensors without the disconnection of wiring from terminals. Sensors plug into the base units 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.

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.

In order to prevent unauthorised removal of a device from its base, an automatic locking breakout is incorporated into all sensor mouldings. If the breakout is removed, sensors can then only be released from their bases by use of a Ziton detector head picker (Z-PH-2). The locking facility is an easily applied option, often taken on site, at the system commissioning stage.

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

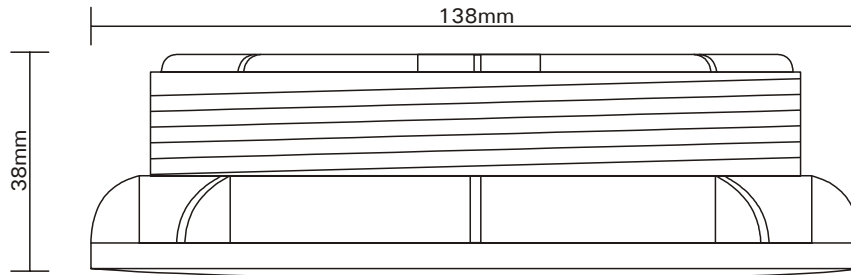


ZP7-RB1

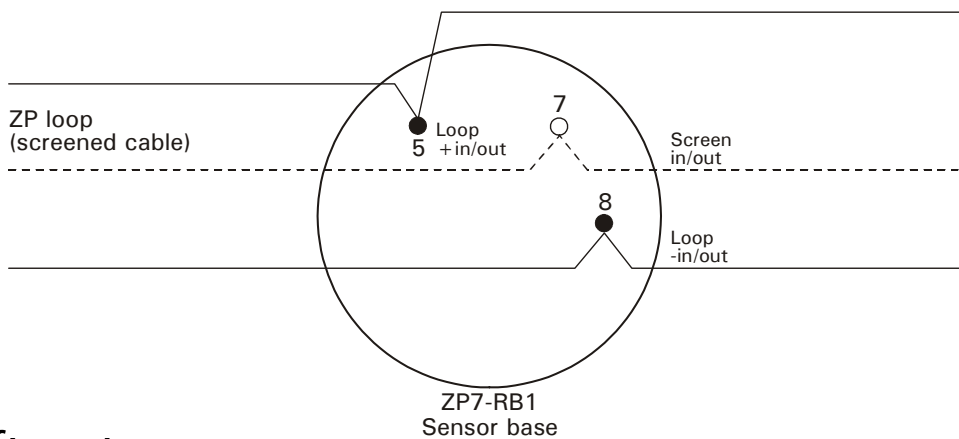
Analogue Sensor Base - Recessed

- **Architecturally pleasing low profile design**
- **Common to all ZP700 series sensors**
- **Automatic locking option**
- **Ease of installation**

Dimensions



Wiring Diagram



Specifications



Model No.	Part No.	Specification	Description
ZP7-RB1	12601	EN54 (with relevant sensor)	Analogue sensor base - recessed
Compatibility	All ZP analogue systems	Environmental:	
Mounting	Recessed	Application	Indoor use
Wiring	2 core loop or spur	EN60529 rating	IP42
Monitoring:	Open and short circuit fault sensor removal and device type	Temp range	-10°C to +75°C
		Humidity range	20% to 95% RH (non condensing)
		EMC	CE marked (EEC89/336)
Terminals	Loop +ve in/out	Construction:	
	Loop -ve in/out	Material	Moulded ABS
	Cable screen continuity	Dimensions	138mm (Dia) x 38mm (H)
	REM LED +ve	Colour	White
Operating voltage	REM LED -ve	Weight	110g
	16-22 volts DC	Ceiling clearance (all detector types)	The distance from ceiling to the middle of the sensing element entry slots is >25mm as recommended by BS5839 Pt1: 1988

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