



PS1241.3

ZP7-SB1 common mounting base, allows any ZP700 analogue sensor to be removed or replaced without disconnecting loop wiring from sensor terminals. Sensors plug into the base unit 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.

Forming an integral part of the overall sensor assembly, sensor bases are provided with slots for screw fixing to either surface wiring plates, or conduit boxes with screw fixing centres between 50 mm and 90 mm.

Bases feature robust wiring terminals with captive clamping washers to ensure secure wiring termination. The bases are of shallow design with ample space to accommodate cables of all types. 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 of 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.



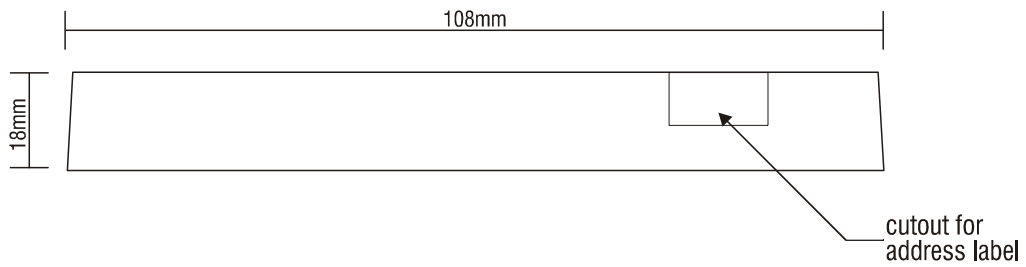
## ZP7-SB1

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### Analogue Sensor Base Surface Mounting

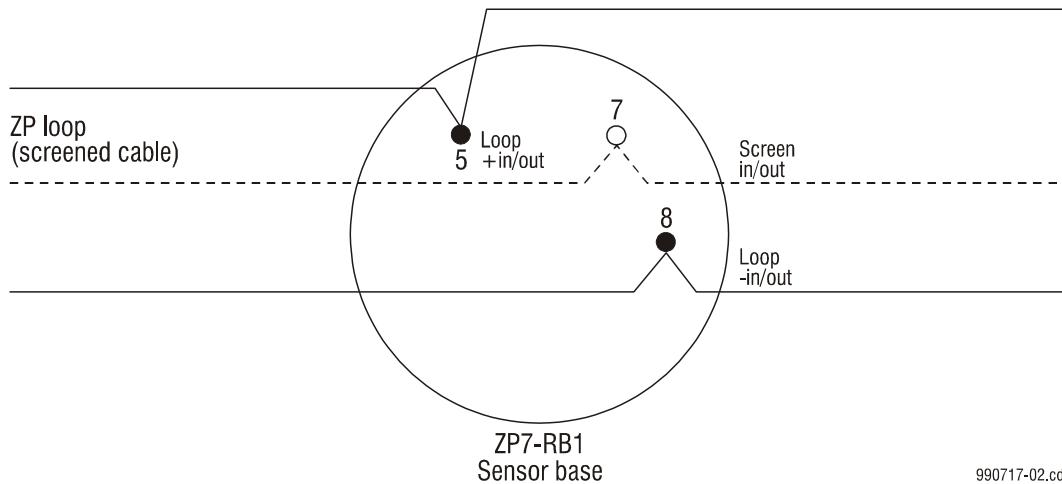
- **Common to all Z700 series detectors**
- **Automatic locking option**
- **Address identification label**
- **Ease of installation**

# Dimensions



990854-01.cdr

# Wiring Diagram



990717-02.cdr

Note: Remote LED should be connected between terminals +2 and -3

# Specification



Model No.	ZP7-SB1	Operating voltage	16-22 volts DC
Specification	EN54 (with relevant sensor)	Environmental:	
Description	Analogue sensor base - surface fixed	Application	Indoor use
Compatibility	All ZP analogue systems	EN60529 rating	IP42
Mounting	Conduit box or surface wiring plate	Temp range	-10°C to +75°C
Wiring	2 core loop or spur	Humidity range	20% to 95% RH (non condensing)
Monitoring:		EMC	CE marked (EEC89/336)
	Open and short circuit fault sensor removal and device type	Construction:	
Terminals	Loop +ve in/out	Material	Moulded ABS
	Loop -ve in/out	Dimensions	108mm (Dia) x 18mm (H)
	Cable screen continuity	Colour	White
	REM LED +ve	Weight	52g
	REM LED -ve		

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