

The ZP755B is an addressable, sensor base sounder, designed for use on ZP3 analogue addressable fire detection and alarm systems. It is especially cost effective in residential buildings, where the recommendations of BS 5839 Pt:1 1988 of 75 dBA sound output at bed heads, usually means the provision of a sounder in each bedroom.

Sharing an address with its sensor - the ZP755B is installed directly onto the ZP wiring loop - offering full ZP3 analogue addressable features on a single pair of wires. Installation costs are greatly reduced, whilst system integrity, sounder options and programmed alarm organisation are significantly increased.

The units high efficiency acoustic design, together with a low energy, 'sound gun' transducer, enables combinations of up to 100 sensors and 100 sounders to be connected to a one kilometre loop of 1.5 mm² cable. An optional first fix plate accepts all loop and screen connections, prior to the sensor base sounder connection via a single pair of leads.

The ZP755 range features a unique self test facility - automatically activated during routine sounder testing. A built in microphone circuit measures sound output level and automatically signals the sounder address and location to the control panel, should volume fall below the expected test level.

In systems where loop lengths or current requirements are excessive, ZP755 sounders can be powered directly from an external power supply. All ZP755 sounders incorporate switch settings enabling them to be assigned a unique address, which is polled by the panel every two seconds.

Continuous, intermittent and two-tone outputs are available, from which any combination can be chosen to provide alert and evacuate, two stage alarms. All sound types comply with BS 5839 Part 1:1988 recommended frequencies.

The ZP755B features the Ziton wide sound distribution design, with an 'all around' sound output of 90dBA with the sensor fitted. A volume control is included for areas where a reduced sound output is required.

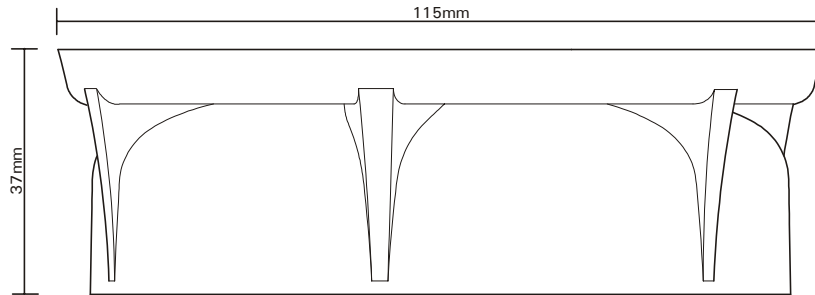


ZP755B

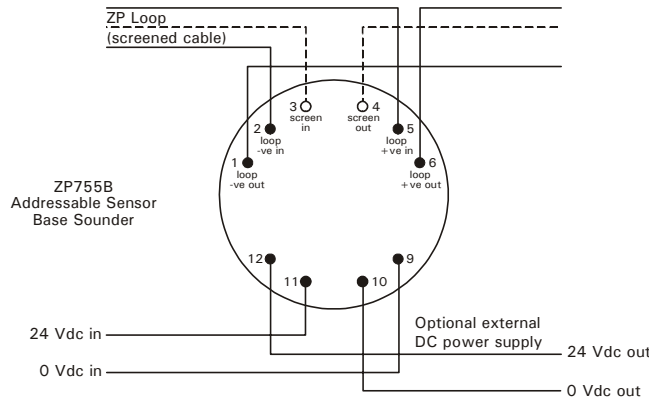
Addressable Sensor Base Sounder

- **Single addressable point for sensor and sounder**
- **Microphone self test facility**
- **Up to 100 sounders directly on the loop wiring**
- **High efficiency sound gun transducer**

Dimensions



Wiring Schematic



Specifications



Model No.	Part No.	Specification	Description
ZP 755B-W	70701	EN 54 Part 3	Addressable sensor base sounder - loop powered

Compatibility	All ZP analogue addressable systems Note: Sound options may vary for ZC5 and ZP3 systems with early software versions	Current	4.3 mA (average active)
Addressing method	7 way dip switch	Operating voltage	16-24 volts DC
Mounting	Surface -with optional first fix plate	Max number per 1km loop	100 (Subject to cable size and sounder spacing)
Wiring	2 core loop	Environmental:	
Monitoring:	ZP loop -open and short circuit fault sound output level - self test facility	EN60529	IP50
Sound output	Tone 1 - continuous 980Hz Tone 2 - intermittent 980Hz (0-5 secs on/off) Tone 3 - two way tone warble 980Hz/670Hz	Temp range	-10°C to +70°C
Sound level (at 1m)	90dBA	Humidity range	10% to 95% RH (non condensing)
Sound distribution	Wide	EMC	CE marked EEC 89/336
Current (average quiescent)	600uA	Construction:	
		Material	Moulded thermoplastic
		Dimensions	116mm (DIA) X 38 mm (D)
		Colour	White
		Weight	85g
		Accessories	First fix plate - ZP7-FFW

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PS 023.1304, issue 01, Published 13 December 2000

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