

ZP755V

Addressable beacon

High intensity visual signal

Designed to compliment audible alarms, the ZP755V beacon provides high intensity, visual signals for applications where alarm sounders alone would prove to be ineffective, or inappropriate for evacuating occupied premises.

In systems where high levels of background noise prohibit the use of audible alarms, residential establishments with occupants who may be infirmed or hard of hearing or manufacturing areas where intense industrial noise demands the use of ear protection, the visual indication of alarms may become necessary.

The unit is designed to meet the requirements of most local disability legislation.

Low current consumption

Clear visual indication is provided by a high intensity Light Emitting Diode (LED) array. Low current consumption enables, up to 60 beacons to be connected to a one kilometer loop of 1.5mm² cable, with a wiring run of 50 metres to the first device.

Light output is equivalent to one Joule xenon element with a flash frequency of 1.1 seconds.

The ZP755V beacon, ZP755HAV sounder/beacon and ZP755BV sensor base/sounder/beacon can all be used in any combined application provided the maximum loop loading is not exceeded.

External power supply option

Beacons are installed using standard ZP7 sensor bases - in systems where loop lengths or current requirements are excessive, the ZP755V beacon can be powered directly from an external power supply – by the addition of ZP7-SBB bases (ordered separately).

All ZP755 units incorporate switch settings enabling them to be assigned a unique address, which is polled by the panel every two seconds.

Moulded in high impact white thermoplastic, the beacon features a clear lens and red LED element



Standard Features

- Cost effective compliance with disability legislation
- Powered directly from the ZP loop
- Up to 60 beacons directly on the loop wiring
- Fully addressable
- Low current LED based visual element
- Compatible with all ZP loop devices
- Minimises installation points

Specifications

Model No	ZP755V
Description	Addressable beacon
Compatibility	All ZP analogue addressable systems
Mounting	Surface - Loop powered - ZP7 base, External powered – ZP7-SBB stand alone beacon base
Wiring	2 core loop
Monitoring	Open and short circuit fault
Light output	Equivalent to 1 Joule xenon element
Strobe frequency	20ms on, 1.1s off
Operating voltage	Loop 19.5 - 20.5 Vdc, External 24 Vdc (nominal)
Current	400uA quiescent, 2.5 mA active
Max number	60 per 1km loop (1.5mm ² cable, 50m to first device)
Application	Indoor installation
EN60529 rating	IP21C
Operating temperature	-10°C to 55°C
Humidity range (at 40oC)	10% to 95% RH (non condensing)
EMC	CPD compliant
Material	Moulded thermoplastic
Dimensions	106mm (Dia) x 49mm (D)
Colour	White moulding/clear lens - illuminates red
Weight	145g
Publication No	PS1782

Ordering Information

Part No.	Description
ZP755V	Addressable beacon

