



ZR401

Wireless sensor base

High integrity VHF transmitter

ZR401 common mounting base, allows any ZR400 wireless sensor to be easily removed and replaced from almost any location. 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.

A high integrity VHF transmitter, its power supply and aerial are all contained within the base moulding, which in turn forms an integral part of the overall sensor assembly.

Power supplies comprise four self-contained 6 x 1.5 volt alkaline AAA cells, providing an energy source, for normal site operation, for approximately five years. The system indicates remaining battery capacity and a low battery condition is indicated to the control panel as a fault, allowing 30 days for the battery pack to be replaced.



Fully monitored

Sensing devices are fully monitored by the base unit. A device-missing signal is transmitted to the main control panel, via the radio loop module, in the event of a sensor being removed from its base.

In order to prevent unauthorised removal of a device, 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 special tool. The locking facility is an easily applied option, often taken on site, at the system commissioning stage.

Ease of installation

Bases are installed either by direct surface mounting, or with surface fixing plates with screw fixing centers of between 50 and 90 mm. Ample room for address labels is 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.

Standard Features

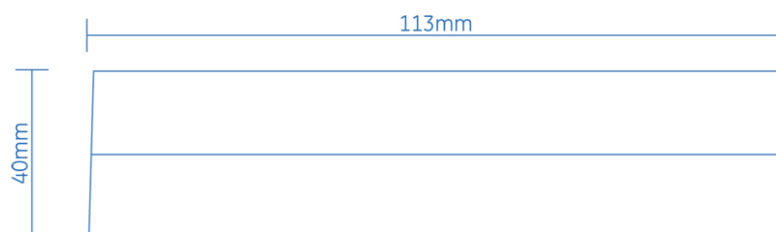
- Common to all ZR400 series sensors
- Five years battery life
- Self contained power supply and aerial
- Address identification label
- Ease of installation

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Specifications

Model No	ZR401
Specification	EN54 (with relevant sensor)
Description	Wireless sensor base - surface mounted
Approval	R&TTE to 300-220
Operating frequency	VHF 173.245 MHz
Compatibility	All ZP3 analogue systems via ZR740 loop module
Mounting	Surface
Monitoring	Continuously self-checking
Power supply	6 x 1.5 volt5 alkaline AAA cells
Application	Indoor installation
EN60529 rating	IP42
Temperature range	-10°C to +75°C
Humidity range	10% to 95% RH (non condensing)
EMC	CE marked (IEC89/336)
Material	Moulded ABS
Dimensions	113mm (Dia) x 40mm (H)
Colour	White
Weight	180g
Publication No	PS1492



1345-01

Ordering Information

Part No.	Description
ZR401	Wireless sensor base