



ZP732-2P

ZP7 Series Addressable Combination Smoke and Heat Detector - POLAR

Wide response range

Designed to provide the earliest response to a wide range of fire types, the ZP732-2P POLAR WHITE dual detector combines optical smoke sensing and thermal monitoring to provide an accurate warning of fire. Individual software monitoring of each element measures actual smoke levels, in addition to temperature rates of rise. Smoke sensing can be isolated for areas where ambient smoke may exist at certain times of the day, or used on a day night basis in premises where heat only is required whilst the building is occupied.

Temperature response meets the requirements of EN54 Part 5 (Class A1 and A2), with smoke sensitivity complying with EN54 Part 7 and test procedure CEA4021. Several international approval bodies approved this detector.

Automatic self test

The smoke element is regularly recalibrated by the panel for contamination and constant sensitivity. Self test and selectable alarm verification are all provided automatically by the ZP control panel software.

Up to 127 sensing devices may be connected to each of the control panel loops. All loop devices incorporate switch settings enabling them to be assigned a unique address, which is polled by the panel every two seconds.

Whilst effective in operation, the ZP732-2 is unobtrusive when installed. The low profile moulding makes the unit ideal for both commercial and industrial interiors. A red LED indicator, situated on the sensor moulding, flashes to indicate when the unit is in alarm.

Locking base option

For ease of removal these detectors plug into a range of base units by a simple twist and lock action. A site selectable option is provided to lock the sensor into its base. Once applied the unit can only be removed by means of a special tool.

Space for address labels is provided on detector and base mouldings, ensuring that units are replaced in their correct location. The address numbers can be identified from floor level.



Standard Features

- Senses both smoke and heat
- Heat only facility
- Smoke element complies with EN54 Part 7 and CEA4021
- Heat element complies with EN54 Part 5 Class A1 and A2
- Analogue sensing - reduces false and unwanted alarms
- Addressable - system knows the status and location of every detector

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Specifications

Compatibility	All ZP7 addressable systems
Mounting	Plugs into surface or semi recessed base
Operating voltage	19.5 to 20.5V, max. line loss 4V
Current consumption	
Quiescent	600µA
Alarm	700µA
Wiring	2 core loop or spur
Monitoring	Open/short circuit, removal & device type.
Addressing method	7 way dipswitch
Detection principle	
Smoke	Photo electric light scatter
Heat	Thermistor
Area coverage (subject to local codes)	
Optical	100m ²
Temperature	50m ²
Indication	Alarm LED (red)
Environmental	
Application	Indoor installation
IP rating	IP32
Operating temperature	-10°C to +85°C
Storage temperature	-20°C to +70°C
RH range (noncondensing)	20 to 95%
Physical	
Dimensions (dia x h)	106 x 58mm
Weight	105g (excluding base)
Material	Moulded ABS
Colour	Polar White
EMC	CE marked (EEC89/336)

Ordering Information

Part No.	Description
ZP732-2P	ZP7 Series Addressable Combination Smoke and Heat Detector - POLAR WHITE
ZP7-IB-P	ZP7 Series Addressable Detector Isolator Base - POLAR WHITE
ZP7-RB1-P	ZP7 Series Addressable Detector Base, Recessed Mounting - POLAR WHITE
ZP7-SB1-P	ZP7 Series Addressable Detector Base, Surface Mounting - POLAR WHITE

