

ZP732-2P

ZP7 Series Addressable Combination Smoke and Heat Detector - POLAR WHITE

Wide response range

Designed to provide the earliest response to a wide range of fire types, the ZP732-2P POLAR WHITE dual sensor 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

Specifications

Model No	ZP732-2P
Specification	EN54 Pt5 (Class A1 and A2), EN54 Pt7 and CEA4021
Description	Combination smoke and thermal detector
Compatibility	All ZP addressable systems
Mounting	Plugs into base
Wiring	2 core loop or spur
Area coverage	Smoke element - 100m ² , subject to local codes Thermal element - 50m ² , subject to local codes
Monitoring	Open and short circuit fault, sensor removal and device type
Detection principle	Smoke - photo electric light scatter, heat - thermistor
Addressing method	7 way DIL switches in head
Indication	Alarm LED (red)
Operating voltage	19.5 to 20.5 V pulsed address line
Current	600uA quiescent, 700uA alarm
Application	Indoor installation
EN60529 rating	IP32
Temperature range	-10°C to +50°C
Humidity range	20% to 95% RH (non condensing)
EMC	CE compliant
Material	Moulded ABS
Dimensions	106mm (Dia) x 58mm (H) (excluding base)
Height	67mm - from ceiling with ZP7-SB1 surface base
Colour	Polar White
Weight	105g (excluding base)

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

