



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 1370	21-Dec-2000	Number 15	Issue date 1-May-2019	30-Apr-2020

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Product designation

Notifier, Model FSP-751AUS, adjustable nom. sens. (S)=4.5% obs./m to 6.5% obs./m, photoelectric smoke detector

(Refer to the Schedule/enclosures for further specified details)

Agent/distributor

Honeywell Security and Fire
9 Columbia Way, BAULKHAM HILLS, NSW, AUSTRALIA, 2153

Registrant

Honeywell Security and Fire
9 Columbia Way, BAULKHAM HILLS, NSW, AUSTRALIA, 2153

Producer

System Sensor, Ltd
3825 Ohio Avenue, ST CHARLES, IL, UNITED STATES, 60174

Conformance criteria and evaluation

The Notifier, Model FSP-751AUS, adjustable nom. sens. (S)=4.5% obs./m to 6.5% obs./m, photoelectric smoke detector has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 1603.2-1997, 'Automatic fire detection and alarm systems - Point type smoke detectors' incl. Amdt 1 (August 1998).

Limitations/conditions of conformance

Limitations/conditions of conformance, where identified on this certificate, are derived from qualifications from evaluation(s) for conformity and/or other related technical documentation. All details with respect to design, assembly and installation instructions and restrictions should be checked against the producer's current technical manual/data sheets and the requirements of the Authority having Jurisdiction.

Specified limitations/conditions, determined from the evaluation for conformity, include the following.

- i. It is used at sensitivity settings, "norm", "hi" or "vhi" when connected to the Notifier AFP-200 control panel or equivalent compatible FIP model.
- ii. The nominal sensitivity is 4.5 - 6.5% obs./m and is displayed at the CIE.
- iii. Compatibility of this fire detector and its base assembly with new or existing control and indicating equipment should be verified prior to installation.

This certification is issued within the scope of CSIRO Verification Services – Rules governing ActivFire Scheme and is valid only for the product(s) as submitted for evaluation and verification of conformity, subject to the following conditions.

- Reference to details, limitations and requirements, where documented as a schedule/enclosure with this certificate.
- The Registrant is responsible for their attestation of conformity and ensuring that on-going production complies with the conformance criteria defined in this certificate.
- This certificate will not be valid if any changes or modifications are made to the product which have not been notified and validated by CSIRO Verification Services.
- This certificate is subject to periodical re-validation upon verification that all requirements, as determined by the conformity assessment body, continue to be satisfactorily met by the Registrant.
- This certificate may only be reproduced in its published form, without modification and inclusive of all schedules/enclosures.
- Any changes, errors or omissions, must be submitted in writing and if necessary or requested, substantiated with relevant evidence.
- Any representations, such as advertising or other marketing related activities or articles shall reflect the correct contents of this certificate and conform with all relevant trade practices and consumer protection legislation and regulations.
- Any terms or conditions of use as applicable to content and documentation as published or accessed through web sites administered by the CSIRO Verification Services.

Issued by

David Whittaker
Executive Officer – ActivFire Scheme



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Producer's description

The Notifier, Model FSP-751AUS, adjustable nominal sensitivity (S)=4.5% obs./m to 6.5% obs./m, photoelectric smoke detector is an analogue addressable smoke sensor that contains a photo-electric sensing chamber. The smoke sensor has two light emitting diodes (LED) mounted on the printed circuit board within the housing, which blink red in colour during normal operation and steady red when the smoke sensor is in the alarm condition. Electrical connection to the smoke sensor is achieved through the mounting base.

The sensitivity of the device is set at the CIE by setting the sensitivity field to "norm", "hi" or "vhi".

The analogue address for each smoke sensor is controlled by the use of rotary decade switches that are located on the base of the sensor. Connecting the smoke sensor to the base is only possible one way, in a clockwise rotation.

Technical specification

The following details are a representative extract of the technical specification for the Notifier, Model FSP-751AUS, adjustable nom. sens. (S)=4.5% obs./m to 6.5% obs./m, photoelectric smoke detector and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Sensitivity:	displayed at the CIE.
Operating voltage range:	15 Vdc to 32 Vdc
Maximum average standby current:	300 μ A at 24 Vdc (one communication every 5 secs. with LED blink enabled)
Maximum alarm current:	6.5 mA at 24 Vdc (LED on)
Operating temperature:	0°C to 49°C
Humidity:	10 to 93% RH (non condensing)
Connections to FIP:	two wire
Dimensions:	diameter 102mm
(mounted on base assembly)	height 43mm
Mass:	112g

Tested base designation	Base + detector circuit type
System Sensor, Model B501	Analogue Addressable