



# Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
<b>afp - 1364</b>	21-Nov-2000	Number 15	Issue date 1-May-2019	30-Apr-2020

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## Product designation

**Notifier, Model FSI-751AUS, nom. sens. (S)=0.4 MIC X, ionisation 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 FSI-751AUS, nom. sens. (S)=0.4 MIC X, ionisation 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. The detector is used with the least sensitivity setting ("norm") when connected to the Notifier AFP-200 or equivalent compatible control and indicating equipment and sensitivity settings.
- ii. The nominal sensitivity MIC X value is 0.40 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



# Schedule to Certificate of Conformity

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## Producer's description

The Notifier, Model FSI-751AUS, nominal sensitivity (S)=0.4 MIC X, ionisation smoke detector is an analogue addressable detector which uses an ionisation sensing chamber. The detector 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 detector is in the alarm condition. Electrical connection to the detector is achieved through the mounting base. The sensitivity of the device is set at the control and indicating equipment by setting the sensitivity field to either "norm", "HI" or "VHI"

The analogue address for each detector is controlled by the use of rotary decade switches that are located on the base of the detector. The detector is connected to a Notifier or System Sensor, Model B501 base assembly by locating and turning in a clockwise direction.

## Technical specification

The following details are a representative extract of the technical specification for the Notifier, Model FSI-751AUS, nom. sens. (S)=0.4 MIC X, ionisation smoke detector and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

<b>Sensitivity:</b>	0.4 MIC X (displayed at the CIE)
<b>Operating voltage range:</b>	15 to 32 Vdc
<b>Max. average standby current:</b>	300 $\mu$ A at 24 Vdc (one communication every 5 secs. with LED blink enabled)
<b>Max. alarm current:</b>	6.5 mA at 24 Vdc (LED on)
<b>Operating temperature:</b>	0°C to 49°C
<b>Humidity:</b>	10 to 93% RH (non condensing)
<b>Connections to CIE:</b>	two wire
<b>Dimensions:</b>	diameter 102mm height 43mm (mounted on base assembly)
<b>Mass:</b>	102g

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