



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
afp - 1502	24-Jan-2002	Number 13	Issue date 28-Apr-2017	30-Apr-2018

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Product designation

Notifier, Model FSL-751 VIEW, adjustable nom. sens. (S)=0.5% obs./m to 8.0% 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 FSL-751 VIEW, adjustable nom. sens. (S)=0.5% obs./m to 8.0% 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. Use at sensitivity settings, "levels 1 to 9", when connected to the Notifier, Model AFP 2800 control and indicating equipment or equivalent compatible CIE.
- ii. The nominal sensitivity (S), 0.5 to 8.0% obs./m, 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.

Issued by

David Whittaker
Executive Officer – ActivFire Scheme



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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.

Schedule to Certificate of Conformity

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Producer's description

The Notifier, Model FSL-751 VIEW, adjustable nom. sens. (S)=0.5% obs./m to 8.0% obs./m, photoelectric smoke detector is an analogue addressable, low profile smoke detector that uses a laser based photoelectric sensing chamber. The detector uses analogue addressable communications to transmit smoke density and detector information to the control and indicating equipment (CIE). The sensitivity of the detector is determined at the CIE. The setting is made from Levels 1 to 9 in Sensitivity Field.

Bi-colour LEDs and a remote output, controlled by the CIE, are capable of indicating operating status. Each detector has its own unique address, which is set using two rotary code switches on the base of the detector.

Technical specification

The following details are a representative extract of the technical specification for the Notifier, Model FSL-751 VIEW, adjustable nom. sens. (S)=0.5% obs./m to 8.0% 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:	0.5 - 8.0% obs./m
Operating voltage range:	15 to 32 Vdc
Standby current:	330 μ A @ 24 Vdc (one communication every 5 seconds with LED blink enabled)
Maximum alarm current:	6.5 mA at 24 Vdc
Operating temperature:	0°C to 38°C
Humidity:	10 to 93% RH, noncondensing
Dimensions:	104 mm x 43 mm (diameter x height) installed on B501 base

Tested base designation	Base + detector circuit type
System Sensor, Model B501	Analogue Addressable
Notifier, Model ABS32/W integrated detector base sounder with LPBW (mounting/wiring base)	Analogue Addressable
Notifier, Model ABS32/W-I integrated detector base sounder (with isolator) with LPBW (mounting/wiring base)	Analogue Addressable

Supplementary information

Detector B501 base

Permanent wiring connections to the Notifier model B501 base assembly consists of terminals for power/communication and remote indicator facility. The base provides a mounting facility for the detector and a means of connection between the sensor and the control panel. The base is approximately 104mm in diameter and has a height of approximately 19mm.