



Certificate of Conformity

Certificate num.	Registration date	Version	Valid until	
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Product designation

Autronica, Type BH-520, multisensor, smoke/heat detector

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

Agent/distributor

Kidde Australia
314 Boundary Road, DINGLEY, VIC, AUSTRALIA, 3172

Registrant

Autronica Fire and Security AS
Haakon VII's Gate 4, 7483 Trondheim, TRONDHEIM, NORWAY, NO-7483

Producer

Autronica Fire and Security AS
Haakon VII's Gate 4, 7483 Trondheim, TRONDHEIM, NORWAY, NO-7483

Conformance criteria and evaluation

The Autronica, Type BH-520, multisensor, smoke/heat detector has been evaluated and verified as conforming with the relevant requirements of the following criteria.

1. Australian Standard AS 7240.5-2004, 'Fire detection and alarm systems - Part 5: Point type heat detectors (ISO 7240-5:2003, MOD)'.
2. Australian Standard AS 7240.7-2004, 'Fire detection and alarm systems - Part 7: Point-type smoke detectors using scattered light, transmitted light or ionization (ISO 7240-7:2003, MOD)'.

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. 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 Autronica, Type BH-520, multisensor, smoke/heat detector consists of AutoSafe BHH-520 detector head and AutoSafe detector base BWA-100. It is a detector which has one smoke sensor and one heat sensor, where the heat sensor enhances the smoke response characteristics and also where the heat sensor complies with its relevant standard.

This detector is a plug in sensor compatible with the Autronica BWA-100 detector base. One LED on the sensor pulses as the detector is polled by the associated control and indicating equipment. This LED illuminates red to indicate the alarm status of the device.

The Autronica, Type BH-520, multisensor, smoke/heat detector is a class P multi-sensor detector which was evaluated for smoke sensitivity settings (Clean, Normal and Industrial); heat sensitivity settings (Class A1, A1R, B and C).

The Autronica BH-520 Multi-Sensor Detector is 100 mm diameter and 50 mm high.

Technical specification

The following details are a representative extract of the technical specification for the Autronica, Type BH-520, multisensor, smoke/heat detector and may be subject to change. Complete and current details should be determined from the designated producer's technical manual/data sheets.

Component	Designation	Sensor + base circuit type
Sensor head	Autronica, Type BHH-520	Analogue Addressable
Base	Autronica, Type BWA-100	

Class:	P (settings A1, A2, A1R, A2S, B and C)	
Smoke sensitivity settings	Clean, Normal and Industrial	
Weight:	165g	
Dimensions	100 mm diameter x 50 mm high	
Material:	PC/ABS	
Colour:	White	
Voltage:	16 - 27 Vdc	
Current: Stand by:	< 0.3mA	
Current: External alarm indicator:	6mA	
Degree of protection:	IP44D	
Working temperature:	-20 to +70°C	
Humidity (non-condensing):	Max. 95% RH	
Maintenance:	None	
Service:	Replace if faulty	