

CERTIFICATE OF CONSTANCY OF PERFORMANCE

0905-CPR-00840

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s)

Product(s): Smoke detector and heat detector range
(refer to attached appendix for details and conditions)

**Placed on the market
under the name or trade mark of:** Autronica Fire and Security AS
Bromstadvegen 59
N-7047, Trondheim
Norway

**and produced in the
manufacturing plant(s):** Autronica Fire and Security AS (SG- 15558)
Bromstadvegen 59
N-7047, Trondheim
Norway

Intended use: Fire Safety

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

EN 54-5:2000+A1:2002
EN 54-7:2000+A1:2002+A2:2006

Under System 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to remain constant.

This certificate was first issued on **2020-07-10** and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

Notified Body
0905

Certification Manager: Dipl.-Ing. Roland Heine

Signature:



Date Issue: 2020-07-10
Issue: 1

This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.

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APPENDIX TO: Certificate of Constancy of Performance 0905-CPR-00840

The details and conditions of use for the Smoke detector and heat detector range, placed on the market under the name or trade mark of:

Autronica Fire and Security AS
Bromstadvegen 59
N-7047, Trondheim
Norway

To be used in accordance with the supplier's installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

Products compliant with EN 54-5:2000+A1:2002 and EN 54-7:2000+A1:2002+A2:2006

Model	Manufacturing Location	Description
V-430-S	SG-15558	Multicriteria Detector with sounder
V-530-S	SG-15558	Multicriteria Detector SIL2 with sounder
V-430-VADW	SG-15558	Multicriteria Detector with White Beacon
V-530-VADW	SG-15558	Multicriteria Detector SIL2 with White Beacon
V-430-S-VADW	SG-15558	Multicriteria Detector with Sounder and White Beacon
V-530-S-VADW	SG-15558	Multicriteria SIL2 Detector with Sounder and White Beacon
V-430-SP	SG-15558	Multicriteria Detector with Speech
V-530-SP	SG-15558	Multicriteria Detector SIL2 with Speech
V-430-SP-VADW	SG-15558	Multicriteria Detector with Speech and White Beacon
V-530-SP-VADW	SG-15558	Multicriteria Detector SIL2 with Speech and White Beacon
V-430-SP-VADR	SG-15558	Multicriteria Detector with Speech and Red Beacon
V-530-SP-VADR	SG-15558	Multicriteria Detector SIL2 with Speech and Red Beacon
V-430-S-VADR	SG-15558	Multicriteria Detector with Sounder and Red Beacon
V-530-S-VADR	SG-15558	Multicriteria Detector SIL2 with Sounder and Red Beacon
V-430-VADR	SG-15558	Multicriteria Detector with Red Beacon
V-530-VADR	SG-15558	Multicriteria Detector SIL2 with Red Beacon
V-430	SG-15558	Multicriteria Detector
V-530	SG-15558	Multicriteria Detector SIL2
V-530-EXIA	SG-15558	Multicriteria Detector SIL2 Ex ia
V-530-EXIC	SG-15558	Multicriteria Detector SIL2 Ex ic

Full model codes are defined by the formats V-430-xxxx-yy/ww/zz and V-530-xxxx-yy/ww/zz where:

xxxx = Model as listed in the table above

S, VADW, VADR, S-VADW, S-VADR, SP-VADW, SP-VADR, EXIA, EXIC

yy = Colour of housing

Blank = White, BK = Black, CC = Customized Colour

ww = Enabled options

Blank = None, CD = Cover Detection & Self Verify, HS = Extra High Sensitivity*, DS = Data Subscription, CFxx = Custom Features (xx = 00 to 99)

zz = Certifications in addition to EN54

*Note that when the HS = Extra High Sensitivity setting is used, the product is not compliant with EN54-7:2000+A1:2002+A2:2006. Refer to the manufacturer's documentation.

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Intertek Deutschland GmbH, Stangenstraße 1, 70771 Leinfelden-Echterdingen
Tel.: +49 711 27311-0 E-Mail: nb0905@intertek.com Web: www.intertek.de

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Bases: The products were approved for use with the following mounting bases;

V-100 BASE

V-110 BASE SIL2

V-120 BASE SIL2 Ex ia

Note these bases are Certified under 0905-CPR-XXXX

Approved settings:

EN54-7 Sensitivity Classes configurable (panel/configuration tool)

Sensitivity Class	Description
High	Clean environments, for example laboratories, data rooms etc.
Medium	Normal environments, for example offices and hospitals etc.
Low	Industrial environments, for example, factories and warehouses etc.

EN54-5 Heat Response Categories configurable (panel/configuration tool)

Category	Typical Application Temperature °C	Maximum Application Temperature °C	Minimum Static Response Temperature °C	Maximum Static Response Temperature °C
A1	25	50	54	65
A1S	25	50	54	65
A1R	25	50	54	65
A2S	25	50	54	70
B	40	65	69	85
C	55	80	84	100

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Performance Tables:

EN 54-5:2001+A1:2002

Essential characteristics	Clauses in this European Standard	Mandated level(s)	Notes
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions	4.2, 4.3, 5.2 to 5.6, 5.8, 6.1a, 6.2b	None	a Suffix S detectors only b Suffix R detectors only
Operational reliability	4.4 to 4.11		
Tolerance to supply voltage	5.7		
Durability of operational reliability and response delay; temperature resistance	5.9, 5.10		
Durability of operational reliability; vibration resistance	5.14 to 5.17		
Durability of operational reliability; humidity resistance	5.11, 5.12		
Durability of operational reliability; corrosion resistance	5.13		
Durability of operational reliability; electrical stability	5.18		

EN 54-7:2001+A1:2002+A2:2006

Essential characteristics	Clauses in this European Standard	Mandated level(s)	Notes
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions	4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18	None	
Operational reliability	4.2 to 4.7, 4.9 to 4.11		
Tolerance to supply voltage	5.5		
Durability of operational reliability and response delay; temperature resistance	5.8, 5.9		
Durability of operational reliability; vibration resistance	5.13 to 5.16		
Durability of operational reliability; humidity resistance	5.10, 5.11		
Durability of operational reliability; corrosion resistance	5.12		
Durability of operational reliability; electrical stability	5.17		

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Conditions of use:

Suitable for indoor applications

General Notes:

1. Evaluated under Intertek project number 103874656.
2. No CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.

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