



DECLARATION OF PERFORMANCE No. 60.1005406 rev1

According to the Construction Products Regulation
305/2011 + S.I. 2020/1359

Unique identification code of the product type: Brand(s): Autronica
Model(s): *see Model listing*

Type, batch, or serial number: *Each individual product is identified with a label containing a unique serial number*

Intended use: Fire detection and fire alarm systems

Name, registered trade name, or registered trademark and contact address of the manufacturer: Autronica Fire & Security AS
Bromstadvegen 59,
NO-7483 Trondheim
Norway

Name and contact address of the authorized representative: --

System or systems of AVCP: System 1

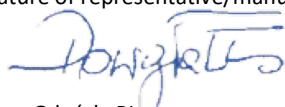
Declaration of performance concerning a construction product is covered by a designated standards: **DBI Certification UK Ltd. - 8504**, performed type testing, the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issued a certificate of constancy of performance: **8504-UKCA-CPR-UKCSP10109**

EN 54-3:2001+A1:2002+A2:2006
EN 54-5:2017+A1:2018
EN 54-7:2018
EN54-23:2010

Declared performance:

Essential characteristics	Performance	Harmonized technical specification:
EN 54-5:2017+A1:2018 ¹⁾		
Nominal activation conditions / Sensitivity	Pass	EN 54-5:2017+A1:2018 Clause: 4.3.1 to 4.3.6
Operational reliability	Pass	EN 54-5:2017+A1:2018 Clause: 4.2.1 to 4.2.7
Response delay (response time)	Pass	EN 54-5:2017+A1:2018 Clause: 4.4.1, 4.4.2
Tolerance to supply voltage	Pass	EN 54-5:2017+A1:2018 Clause: 4.5
Durability of nominal activation conditions/Sensitivity; temperature resistance	Pass	EN 54-5:2017+A1:2018 Clause: 4.6.1.1, 4.6.1.2
Durability of nominal activation conditions/Sensitivity; humidity resistance	Pass	EN 54-5:2017+A1:2018 Clause: 4.6.2.1, 4.6.2.2
Durability of nominal activation conditions/Sensitivity; corrosion resistance	Pass	EN 54-5:2017+A1:2018 Clause: 4.6.3
Durability of nominal activation conditions/Sensitivity; vibration resistance	Pass	EN 54-5:2017+A1:2018 Clause: 4.6.4.1 to 4.6.4.4
Durability of nominal activation conditions/Sensitivity; electrical stability EMC immunity (operational)	Pass	EN 54-5:2017+A1:2018 Clause: 4.6.5
1) Regulatory classes A1, A1R, A1S, A2S, B, C see CPR certificate for more information		
EN 54-7:2018		
Nominal activation conditions/sensitivity	Pass	EN 54-7:2018 Clause: 4.3.1 to 4.3.3
Operational reliability	Pass	EN 54-7:2018 Clause: 4.2.1 to 4.2.8

Signature of representative/manufacturer:



Tomasz Dowgiałło, Compliance Leader
Carrier Fire & Security B.V.
Kelvinstraat 7,
6003 DH Weert, NL.

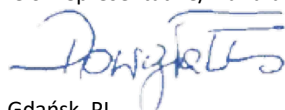
Place: Gdańsk, PL

Date: 9 October 2023

Tolerance to supply voltage	Pass	EN 54-7:2018 Clause: 4.5
Performance parameters under fire conditions	Pass	EN 54-7:2018 Clause: 4.6
Response delay (response time)	Pass	EN 54-7:2018 Clause: 4.4.1, 4.4.2
Durability of nominal activation conditions/Sensitivity; Temperature resistance	Pass	EN 54-7:2018 Clause: 4.7.1.1, 4.7.1.2
Durability of nominal activation conditions/Sensitivity; humidity resistance	Pass	EN 54-7:2018 Clause: 4.7.2.1, 4.7.2.2
Durability of nominal activation conditions/Sensitivity; corrosion resistance	Pass	EN 54-7:2018 Clause: 4.7.3
Durability of nominal activation conditions/Sensitivity; vibration resistance	Pass	EN 54-7:2018 Clause: 4.7.4.1 to 4.7.4.4
Durability of nominal activation conditions/Sensitivity; electrical stability EMC immunity (operational)	Pass	EN 54-7:2018 Clause: 4.7.5
EN 54-23:2010		
Operational reliability	Pass	EN 54-23:2010 Clause: 4.2.1 to 4.2.8
Performance parameters under fire condition	Pass	EN 54-23:2010 Clause: 4.3.1, 4.3.2, 4.3.3, 4.3.4 ²⁾ , 4.3.5 ³⁾ , 4.3.6, 4.3.7
Durability of nominal activation conditions/Sensitivity; temperature resistance	Pass	EN 54-23:2010 Clause: 4.4.1.1 to 4.4.1.3
Durability of nominal activation conditions/Sensitivity; humidity resistance	Pass	EN 54-23:2010 Clause: 4.4.2.1 to 4.4.2.3
Durability of nominal activation conditions/Sensitivity; corrosion resistance	Pass	EN 54-23:2010 Clause: 4.4.4
Durability of nominal activation conditions/Sensitivity; shock vibration resistance	Pass	EN 54-23:2010 Clause: 4.4.3.1 to 4.4.3.4
Durability of nominal activation conditions/Sensitivity; electrical stability EMC immunity (operational)	Pass	EN 54-23:2010 Clause: 4.4.5
EN 54-3:2001+A1:2002+A2:2006		
Performance under fire condition	Pass	EN 54-3:2001 Clause: 4.2, 4.3, 5.2, 5.3
Operational reliability	Pass	EN 54-3:2001 Clause: 4.4, 4.5, 4.6, 5.4
Durability of operational reliability and response delay; temperature resistance	Pass	EN 54-3:2001 Clause: 5.5, 5.7, 5.8, 5.9
Durability of operational reliability; humidity resistance	Pass	EN 54-3:2001 Clause: 5.8, 5.9
Durability of operational reliability; corrosion resistance	Pass	EN 54-3:2001 Clause: 5.11
Durability of operational reliability; vibration resistance	Pass	EN 54-3:2001 Clause: 5.12 to 5.15
Durability of operational reliability; electrical stability	Pass	EN 54-3:2001 Clause: 5.16 ⁴⁾
Durability of operational reliability; resistance to ingress	Pass	EN 54-3:2001 Clause: 5.17
2) Red/White - Applies for models with red or white beacon – see model listing below		
3) Pass/0,5Hz		
4) 5.16 applies only to sounders or voice sounders with active electronic components		

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation 305/2011 + S.I. 2020/1359, under the sole responsibility of the manufacturer identified above.

Signature of representative/manufacturer:



Tomasz Dowgiałło, Compliance Leader
Carrier Fire & Security B.V.
Kelvinstraat 7,
6003 DH Weert, NL.

Place: Gdańsk, PL

Date: 9 October 2023

Model listing (List of all product variants or models for which this declaration is valid):

Model	Description
V-430 series	AutroGuard® Multicriteria protector
V-430-S series	AutroGuard® Multicriteria protector with Sounder
V-430-VADR series	AutroGuard® Multicriteria protector with Red VAD
V-430-VADW series	AutroGuard® Multicriteria protector with White VAD
V-430-S-VADR series	AutroGuard® Multicriteria protector with Sounder and Red VAD
V-430-S-VADW series	AutroGuard® Multicriteria protector with Sounder and White VAD
V-530 series	AutroGuard® multicriteria protector with SIL2 and marine approval, SelfVerify and Cover Detection
V-530-EXIA series	AutroGuard® multicriteria protector with SIL2 and marine approval, SelfVerify and Cover Detection. Intrinsically safe for zone 0, 1 and 2
V-530-EXIC series	AutroGuard® multicriteria protector with SIL2 and marine approval, SelfVerify and Cover Detection. Intrinsically safe for zone 2
V-530-S-VADW series	AutroGuard® multicriteria protector with SIL2 and marine approval, SelfVerify and Cover Detection, Sounder and White VAD

V-430 series and V-530 series detectors are configurable smoke/heat detectors with optional extra features. Full model codes of the series are as follow:

V-430-xxxxxx-yy/ww/zz where:

xxxxxx - Extra feature/alarm method (Blank = none, S, VADW, VADR, S-VADR, S-VADW);

-yy - Color (Blank = White, BK = Black, CC = Custom color);

/ww - Extra features (Blank = None, CD = Cover Detection & Self Verify);

/zz - represents various certifications;

V-530-xxxxxx-yy/ww where:

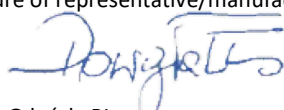
xxxxxx – Additional functions/alarm types (Blank = none, EXIA, EXIC, S-VADW);

-yy - Color (Blank = White);

/ww - Extra features (Blank = None, HS = Extra High Sensitivity);

* Note that when the HS = Extra High Sensitivity setting is used, the product is not compliant with EN 54-7:2018.

Signature of representative/manufacturer:



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