



# DECLARATION OF PERFORMANCE

No. 60.1005406 rev2

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:**

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**System or systems of AVCP:**

System 1

**Declaration of performance concerning a construction product is covered by a designated standards:**

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

**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**

## Declared performance:

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

Signature of representative/manufacturer:  
Signed by:

*Aleksandra Strzelec-Sierpińska*

0EC137DC66D54E6...

**Place:** Gdańsk, Poland

**Date:** 9 December 2024

Aleksandra Strzelec-Sierpińska, Compliance Team Manager  
Autronica Fire & Security AS  
Bromstadvegen 59,  
NO-7483 Trondheim, Norway

|                                                                                                          |      |                                                                                                        |
|----------------------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------------------|
| Tolerance to supply voltage                                                                              | Pass | EN 54-7:2018<br>Clause: 4.5                                                                            |
| Performance parameters under fire conditions                                                             | Pass | EN 54-7:2018<br>Clause: 4.6                                                                            |
| Response delay (response time)                                                                           | Pass | EN 54-7:2018<br>Clause: 4.4.1, 4.4.2                                                                   |
| Durability of nominal activation conditions/Sensitivity; Temperature resistance                          | Pass | EN 54-7:2018<br>Clause: 4.7.1.1, 4.7.1.2                                                               |
| Durability of nominal activation conditions/Sensitivity; humidity resistance                             | Pass | EN 54-7:2018<br>Clause: 4.7.2.1, 4.7.2.2                                                               |
| Durability of nominal activation conditions/Sensitivity; corrosion resistance                            | Pass | EN 54-7:2018<br>Clause: 4.7.3                                                                          |
| Durability of nominal activation conditions/Sensitivity; vibration resistance                            | Pass | EN 54-7:2018<br>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<br>Clause: 4.7.5                                                                          |
| <b>EN 54-23:2010</b>                                                                                     |      |                                                                                                        |
| Operational reliability                                                                                  | Pass | EN 54-23:2010<br>Clause: 4.2.1 to 4.2.8                                                                |
| Performance parameters under fire condition                                                              | Pass | EN 54-23:2010<br>Clause: 4.3.1, 4.3.2, 4.3.3, 4.3.4 <sup>2)</sup> , 4.3.5 <sup>3)</sup> , 4.3.6, 4.3.7 |
| Durability of nominal activation conditions/Sensitivity; temperature resistance                          | Pass | EN 54-23:2010<br>Clause: 4.4.1.1 to 4.4.1.3                                                            |
| Durability of nominal activation conditions/Sensitivity; humidity resistance                             | Pass | EN 54-23:2010<br>Clause: 4.4.2.1 to 4.4.2.3                                                            |
| Durability of nominal activation conditions/Sensitivity; corrosion resistance                            | Pass | EN 54-23:2010<br>Clause: 4.4.4                                                                         |
| Durability of nominal activation conditions/Sensitivity; shock vibration resistance                      | Pass | EN 54-23:2010<br>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<br>Clause: 4.4.5                                                                         |
| <b>EN 54-3:2001+A1:2002+A2:2006</b>                                                                      |      |                                                                                                        |
| Performance under fire condition                                                                         | Pass | EN 54-3:2001<br>Clause: 4.2, 4.3, 5.2, 5.3                                                             |
| Operational reliability                                                                                  | Pass | EN 54-3:2001<br>Clause: 4.4, 4.5, 4.6, 5.4                                                             |
| Durability of operational reliability and response delay; temperature resistance                         | Pass | EN 54-3:2001<br>Clause: 5.5, 5.7, 5.8, 5.9                                                             |
| Durability of operational reliability; humidity resistance                                               | Pass | EN 54-3:2001<br>Clause: 5.8, 5.9                                                                       |
| Durability of operational reliability; corrosion resistance                                              | Pass | EN 54-3:2001<br>Clause: 5.11                                                                           |
| Durability of operational reliability; vibration resistance                                              | Pass | EN 54-3:2001<br>Clause: 5.12 to 5.15                                                                   |
| Durability of operational reliability; electrical stability                                              | Pass | EN 54-3:2001<br>Clause: 5.16 <sup>4)</sup>                                                             |
| Durability of operational reliability; resistance to ingress                                             | Pass | EN 54-3:2001<br>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:

Signed by:

*Aleksandra Strzelec-Sierpińska*

0EC137DC66D54E6...

Place: Gdańsk, Poland

Date: 9 December 2024

Aleksandra Strzelec-Sierpińska, Compliance Team Manager

Autronica Fire & Security AS

Bromstadvegen 59,

NO-7483 Trondheim, Norway

**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-S-CO series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | AutroGuard Multicriteria Protector with integrated CO sensor and Sounder                                                                  |
| <p>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:</p> <p>V-430-xxxxxx-yy/ww/zz where:</p> <p>xxxxxx - Extra feature/alarm method (Blank = none, S, VADW, VADR, S-VADR, S-VADW);</p> <p>-yy - Color (Blank = White, BK = Black, CC = Custom color);</p> <p>/ww - Extra features (Blank = None, CD = Cover Detection &amp; Self Verify);</p> <p>/zz - represents various certifications;</p> <p>V-530-xxxxxx-yy/ww where:</p> <p>xxxxxx – Additional functions/alarm types (Blank = none, EXIA, EXIC, S-VADW);</p> <p>-yy - Color (Blank = White);</p> <p>/ww - Extra features (Blank = None, HS = Extra High Sensitivity);</p> <p>* Note that when the HS = Extra High Sensitivity setting is used, the product is not compliant with EN 54-7:2018.</p> |                                                                                                                                           |

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