



# DECLARATION OF PERFORMANCE No. 60.1005516.1

According to the Construction Products Regulation  
305/2011 + S.I. 2019/465 + S.I. 2020/1359

<b>Unique identification code of the product type:</b>	Brand(s): Autronica Model(s): <i>see Model listing</i>
<b>Type, batch, or serial number:</b>	<i>Each individual product is identified with a label containing a unique serial number</i>
<b>Intended use:</b>	Fire detection and fire alarm systems
<b>Name, registered trade name, or registered trademark and contact address of the manufacturer:</b>	Autronica Fire & Security AS Bromstadvegen 59, NO-7483 Trondheim Norway
<b>Name and contact address of the authorized representative:</b>	--
<b>System or systems of AVCP:</b>	System 1
<b>Declaration of performance concerning a construction product is covered by a harmonised standards:</b> EN 54-17:2005+AC:2007 EN 54-18:2005+AC:2007	<b>DBI Certification-UK Ltd. - 8504</b> , 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: <b>8504-UKCA-CPR-UKCSP10207</b> .

## Declared performance:

Essential characteristics	Performance	Harmonized technical specification:
<b>EN 54-17:2005+AC:2007</b>		
Performance under fire conditions	Pass	EN 54-17:2005+AC:2007 Clause: 5.2 <sup>1)</sup>
Operational reliability	Pass	EN 54-17:2005+AC:2007 Clause: 4 <sup>2) 3) 4) 5)</sup>
Durability of operational reliability; temperature resistance	Pass	EN 54-17:2005+AC:2007 Clause: 5.4, 5.5
Durability of operational reliability; vibration resistance	Pass	EN 54-17:2005+AC:2007 Clause: 5.9 to 5.12
Durability of operational reliability; humidity resistance	Pass	EN 54-17:2005+AC:2007 Clause: 5.6, 5.7
Durability of operational reliability; corrosion resistance	Pass	EN 54-17:2005+AC:2007 Clause: 5.8
Durability of operational reliability; electrical stability	Pass	EN 54-17:2005+AC:2007 Clause: 5.3, 5.13 <sup>6)</sup>
1) This is assuming that the effect of the fire is to cause a short circuit in the transmission path that is protected by these devices 2) No integrated visual indicator for indication of the status of the short-circuit isolator. Clause 4.2 are therefore not applicable. 3) The short-circuit isolator has no provisions for connections of ancillary devices. Clause 4.3 are therefore not applicable. 4) The short-circuit isolator is not detachable. Clause 4.4 are therefore not applicable. 5) There is no provision for adjustments. Clause 4.6 are therefore not applicable. 6) The unit is supplied from the detection loop, which provides a stable supply from the CIE – Therefore the clause 5.3 is not applicable.		
<b>EN 54-18:2005+AC:2007</b>		
Response delay (response time)	Pass	EN 54-18:2005+AC:2007 Clause: 5.2 <sup>1)</sup>
Performance under fire conditions	Pass	EN 54-18:2005+AC:2007 Clause: 5.1.4
Operational reliability	Pass	EN 54-18:2005+AC:2007 Clause: 5.1.4
Durability of operational reliability; temperature resistance	Pass	EN 54-18:2005+AC:2007 Clause: 5.3, 5.4

Signature of representative/manufacturer:

Signed by:

*Aleksandra Strzelec-Sierpińska*

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Place: Gdańsk, PL

Date: 24 July 2024

Aleksandra Strzelec-Sierpińska, Compliance Leader

Autronica Fire & Security AS

NO-7483 Trondheim, Norway.

Durability of operational reliability; vibration resistance	Pass	EN 54-18:2005+AC:2007 Clause: 5.8 to 5.11
Durability of operational reliability; humidity resistance	Pass	EN 54-18:2005+AC:2007 Clause: 5.5, 5.6
Durability of operational reliability; corrosion resistance	Pass	EN 54-18:2005+AC:2007 Clause: 5.7
Durability of operational reliability; electrical stability	Pass	EN 54-18:2005+AC:2007 Clause: 5.2 <sup>1)</sup> , 5.12
1) The unit is supplied from the detection loop, which provides a stable supply from the CIE – Therefore the clause 5.2 is not applicable.		

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. 2019/465 + S.I. 2020/1359, under the sole responsibility of the manufacturer identified above.

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

Model	Description
BN-221/01	Extinguishing control unit with short-circuit isolator
BN-221/02	Monitored output unit with short-circuit isolator

Signature of representative/manufacturer:

Aleksandra Strzelec-Sierpińska, Compliance Leader  
Autronica Fire & Security AS  
NO-7483 Trondheim, Norway.

Signed by:

*Aleksandra Strzelec-Sierpińska*

Place: Gdańsk, PL

Date: 24 July 2024