

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

LGAI Technological Center, S.A. (APPLUS)  
Notified Body Nr. 0370

No. **0370-CPR-1964**

In compliance with Regulation (EU) Nr. 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:

**FIRE DETECTION AND FIRE ALARM SYSTEMS. FIRE ALARM DEVICES. SOUNDERS**  
MODELS: **VTG-32E-DB-R / SCD-210; VTG-32E-DB-W / SCD-210-W**

Placed on the market under the name of:

## DETNOV SECURITY, S.L.

C/ DE LA CIÈNCIA, 30  
08840 VILADECANS (BARCELONA) SPAIN

And produced in the manufacturing plant:

**24/32303586**

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

**EN 54-3:2001, EN 54-3:2001/A1:2002, EN 54-3:2001/A2:2006**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 6<sup>th</sup> March 2015 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. It is confirmed on 17<sup>th</sup> May 2024.

**The monitoring assessment will be done before 31<sup>st</sup> March 2025**

Bellaterra, 17<sup>th</sup> May 2024

 LGAI Technological Center, S.A.

Xavier Ruiz Peña  
Managing Director, Product Conformity B.U.



*This document is not valid without its technical annex; whose number coincides with that of the certificate.*

*You can check the validity of this certificate on our website: [www.appluslaboratories.com/certified\\_products](http://www.appluslaboratories.com/certified_products)*

The manufacturer, after the completion of the conformity assessment procedures and the declaration of performance, may affix the CE Marking under his responsibility

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Annex according to **EN 54-3:2001, EN 54-3:2001/A1:2002, EN 54-3:2001/A2:2006**

### FIRE DETECTION AND FIRE ALARM SYSTEMS. PART 3: FIRE ALARM DEVICES. SOUNDERS

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Sound level	4.2.	PASS
Frequency and sound pattern	4.3.	PASS
Durability	4.4.	PASS
Construction	4.5.	PASS- IP33C
Marking and data	4.6.	PASS
Reproducibility	5.2.	PASS
Operational performance	5.3.	PASS
Durability	5.4.	PASS
Dry heat (operational)	5.5.	PASS
Dry heat (endurance)	5.6.	PASS
Cold (operational)	5.7.	PASS
Damp heat, cyclic (operational)	5.8.	PASS
Damp heat, steady state (endurance)	5.9.	PASS
Damp heat, cyclic (endurance)	5.10.	PASS
Sulfur dioxide (SO <sub>2</sub> ) corrosion (endurance)	5.11.	PASS
Shock (operational)	5.12.	PASS
Impact (operational)	5.13.	PASS
Vibration, sinusoidal (operational)	5.14.	PASS
Vibration, sinusoidal (endurance)	5.15.	PASS
Electromagnetic compatibility (EMC), immunity (operational)	5.16.	PASS
Enclosure protection	5.17.	PASS- IP33C
Attention drawing signal and message broadcast sequences	C.3.1.	NA
Synchronisation (option with requirements)	C.3.2.	NA
General testing	C.4.	NA
Broadcast message performance	C.5.1.	NA
Attention drawing signal/silence/message sequence timing	C.5.2.	NA
Message synchronization testing (option with requirements)	C.5.3.	NA

PASS; NPD = No Performance Determined, NA = Not Apply

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SOUNDER TONES	TYPE	FEATURES
1	LF SWEEP	800 – 1000 Hz (0.5 s)
8	CONTINUOS	800 Hz
25	GERMAN DIN TONE SWEEP	1200-500 Hz (@1Hz)
27	FRENCH TONE AFNOR	554 Hz (100ms) 440 Hz (400 ms)
1, 25, 27	2ND STAGE, CONTINUOUS	800 Hz
11	2ND STAGE, DUTCH SWEEP TONE	500-1200 Hz (3,5 s. ON + 0,5 s. OFF)

VARIANTS	
VTG-32E-DB-R	RED COLOR
VTG-32E-DB-W	WHITE COLOR