

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

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

No. **0370-CPR-2965**

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: **VTB-32E / SFD-2X0** RANGE (SEE ANNEX)

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 27<sup>th</sup> April 2018 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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 - TYPE A (SB) PASS - TYPE B (DB)
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.	NA - TYPE A (SB) PASS - TYPE B (DB)
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.	NA - TYPE A (SB) PASS - TYPE B (DB)
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 - TYPE A (SB) PASS - TYPE B (DB)
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 (CRANFORD SWEEP)	800 – 1000 Hz 500 (ms)
8	LF CONTINUOUS TONE BS5839	800 Hz
11	DUTCH TONE	970 Hz CONTINUOUS
25	GERMAN DIN TONE	1200-500 Hz 1000 ms (@1Hz)
27	FRENCH TONE AFNOR	554 Hz (100 ms) 440 Hz (400 ms)

MODEL	DESCRIPTION
VTB-32E-SB-RB/RL / SFD-220	24 V 32 TONE SOUNDER BEACON SHALLOW BASE (SB) RED BODY RED LENS TYPE A
VTB-32E-DB-RB/RL / SFD-230	24 V 32 TONE SOUNDER BEACON DEEP BASE (DB) RED BODY RED LENS TYPE B
VTB-32E-SB-WB/RL / SFD-220-W	24 V 32 TONE SOUNDER BEACON SHALLOW BASE (SB) WHITE BODY RED LENS TYPE A
VTB-32E-DB-WB/RL / SFD-230-W	24 V 32 TONE SOUNDER BEACON DEEP BASE (DB) WHITE BODY RED LENS TYPE B

BASES
116-085 SHALLOW BASE – RED (SB)
116-086 SHALLOW BASE – WHITE (SB)
126-021 DEEP BASE – RED (DB)
126-022 DEEP BASE – WHITE (DB)