

CE CERTIFICATE

Notified Body No. 0370

No. **0370-CPR-2965**

CERTIFICATE OF CONSTANCY OF PERFORMANCE

In compliance with Regulation 305/2011/EU 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)

Place 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:

21/32302275

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 are applied and that **the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on 27th April 2018 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly. It is confirmed on 19th May 2021.

The monitoring assessment will be done before 31st March 2022

Bellaterra, 19th May 2021


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

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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 ₂) 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) |