



Notified Body No. 0370

CERTIFICATE



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.

- **PART 3: FIRE ALARM DEVICES. SOUNDERS**

MODEL: **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:

20/32300329

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances 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 20th March 2020.

The monitoring assessment will be done before March 2021

Bellaterra, 1st March 2019


Applus⁺
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 the number of certificate.

You can check the validity of this certificate into our website at: <https://apps.applus.com/microsites/microsites/FECIP/login>

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

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)