



Notified body Nº 0370



# CERTIFICATE

No.

0370-CPR-1964

## 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.

MODELS: VTG-32E-DB CONVENTIONAL SOUNDER TYPE B

Produced by:

### DETNOV SECURITY, S.L.

CARRER DE L'ALGUER, 8 - POL. IND. LES SALINES  
08830 SANT BOI DE LLOBREGAT (BARCELONA - SPAIN)

And produced in the manufacturing plant:

16/32300463

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 6<sup>th</sup> March 2015 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 29<sup>th</sup> April 2016.

**The monitoring assessment will be done before March 2017**

Bellaterra, 29<sup>th</sup> April 2016

Applus<sup>+</sup>

LGAI Technological Center, S.A.

Jordi Brufau Redondo  
General Manager

Applus<sup>+</sup>

LGAI Technological Center, S.A.

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



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

**TECHNICAL ANNEX 0370-CPR-1964**

**CERTIFICATE OF CONSTANCY OF PERFORMANCE**

Annexes 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- 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 (SO2) 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

**TECHNICAL ANNEX                      0370-CPR-1964**

**CERTIFICATE OF CONSTANCY OF PERFORMANCE**

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