

## Constancy of Performance Certificate

LGAI Technological Center S.A. (APPLUS), Notified Body No. 0370, issues this certificate to:

### APPLICANT

Placed on the market under the name of

## Detnov Security, S.L.

C/ De La Ciència, 30  
08840 Viladecans (Barcelona) Spain

Produced at the manufacturing plant

25/32305980

### PRODUCT

## Fire detection and fire alarm systems

- Smoke detectors - Line detectors using an optical beam

Model: DBD-70A

### APPLICABLE REGULATION

## Construction Product Regulation (CPR)

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011

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

### EN 54-12:2015

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

No. 0370-CPR-7880

Date issued: 31/10/2025

Follow-up date: before 30/09/2026

The validity of this certificate remains in effect as long as the harmonised standard, the construction product, the AVCP methods, and the manufacturing conditions at the plant are not significantly modified, unless the certificate is suspended or withdrawn by the notified product certification body.

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



Xavier Ruiz Peña  
Managing Director  
Conformity Assessment

Applus<sup>+</sup>  
certification

LGAI Technological Center S.A. (APPLUS)  
Notified Body No. 0370  
Campus UAB. Ronda de la Font del Carme s/n  
08193 Bellaterra, Barcelona (Spain)



Check the status  
of this certificate

Certificate

# Technical Annex

## Annex according to EN 54-12:2015

### Fire detection and fire alarm system. Part 12: Smoke detectors - Line detectors using an optical beam

Essential characteristics	Clauses in this European standard	Mandated level(s) or class(es)
Individual alarm indication	4.2.1	Pass
Connection of ancillary devices	4.2.2	Pass
Manufacturer's adjustments	4.2.3	Pass
On-site adjustment of response value	4.2.4	Pass
Protection against the ingress of foreign bodies	4.2.5	Pass
Monitoring of detachable detectors and connections	4.2.6	Na
Requirements for software controlled detectors (when provided)	4.2.7	Pass
Reproducibility	4.3.1	Pass
Repeatability	4.3.2	Pass
Tolerance to beam misalignment	4.3.3	Pass
Rapid changes in attenuation	4.3.4	Pass
Response to slowly developing fires	4.3.5	Pass
Optical path length dependence	4.3.6	Pass
Stray light	4.3.7	Pass
Tolerance to supply voltage - Variation in supply parameters	4.4	Pass
Performance parameters under fire conditions - Fire sensitivity	4.5	Pass
Dry heat (operational)	4.6.1.1	Pass
Cold (operational)	4.6.1.2	Pass
Damp heat, steady-state (operational)	4.6.2.1	Pass
Damp heat, steady-state (endurance)	4.6.2.2	Pass
Vibration (endurance)	4.6.3.1	Pass
Impact (operational)	4.6.3.2	Pass
Electrical stability - Electromagnetic Compatibility (EMC), Immunity tests (operational)	4.6.4	Pass
Corrosion resistance - Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance)	4.6.5	Pass

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