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 in the manufacturing plant

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

PRODUCT

Fire detection and fire alarm system

- Heat detectors. Point detectors.
- Smoke detectors. Point detectors using scattered light, transmitted light or ionization.

Models:

- DOTD-230A, DOTD-230A-B (Addressable thermal- optical detector)
- DOTD-230, DOTD-230-B (Conventional thermal- optical detector)

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 standards:

EN 54-5:2017+A1:2018; EN 54-7:2018

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.

The manufacturer, after the completion of the conformity assessment procedures and the declaration of performance, may affix the CE Marking under his responsibility

No. 0370-CPR-2006

Date issued: 19/09/2025
First issue date: 10/06/2011
Follow-up date: before 30/09/2026

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the EVCP methods and the manufacturing conditions at the plant are not significantly modified, unless suspended or withdrawn by the notified product certification body.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

Check the status of this certificate

Certificate

Xavier Ruiz Peña
Managing Director
Conformity Assessment

Applus 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)

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT

ENAC CERTIFICACIÓN ISO 17065 Nº12 / C-PR054

LGAI Technological Center S.A. (APPLUS)
Campus UAB. Ronda de la Font del Carme s/n
08193 Bellaterra, Barcelona (Spain)

Technical Annex

Annex according to EN 54-5:2017+A1:2018

Fire detection and fire alarm systems. Part 5: heat detectors. Point detectors

Essential characteristics	Clauses in this European standard	Mandated level(s) or class(es)
Heat response categories	4.1.1.	A2
Position of heat sensitive elements	4.1.2.	Pass
Individual alarm indication	4.2.2.	Pass
Connection of ancillary devices	4.2.3.	Pass
Monitoring of detachable detectors	4.2.4.	Pass
Manufacturer's adjustments	4.2.5.	Pass
On-site adjustment of response behaviour	4.2.6.	Pass
Software controlled detector (when provided)	4.2.7.	Pass
Directional dependence	4.3.1.	Pass
Static response temperature	4.3.2.	Pass
Response times from typical application temperature	4.3.3.	Pass
Response times from 25 °C	4.3.4.	NA
Response times from high ambient temperature	4.3.5.	Pass
Reproducibility	4.3.6.	Pass
Additional tests for suffix S detectors	4.4.1.	NA
Additional tests for suffix R detectors	4.4.2.	NA
Variation in supply parameters	4.5.1.	Pass
Cold (operational)	4.6.1.1.	Pass
Dry heat (endurance)	4.6.1.2.	NA
Damp heat, cyclic (operational)	4.6.2.1.	Pass
Damp heat, steady state (endurance)	4.6.2.2.	Pass
Sulphur dioxide (SO2) corrosion (endurance)	4.6.3.	Pass
Shock (operational)	4.6.4.1.	Pass
Impact (operational)	4.6.4.2.	Pass
Vibration, sinusoidal (operational)	4.6.4.3.	Pass
Vibration, sinusoidal (endurance)	4.6.4.4.	Pass
Electromagnetic compatibility (EMC), immunity tests (operational)	4.6.5.	Pass

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

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08193 Bellaterra, Barcelona (Spain)

Annex according to EN 54-7:2018

Fire detection and fire alarm systems. Part 7: smoke detectors. Point detectors using scattered light, transmitted light or ionization

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
Monitoring of detachable detectors	4.2.3.	Pass
Manufacturer's adjustments	4.2.4.	Pass
On-site adjustment of response behaviour	4.2.5.	Pass
Protection against the ingress of foreign bodies	4.2.6.	Pass
Response to slowly developing fires	4.2.7.	Pass
Software controlled detector	4.2.8.	Pass
Repeatability	4.3.1.	Pass
Directional dependence	4.3.2.	Pass
Reproducibility	4.3.3.	Pass
Air movement	4.4.1.	Pass
Dazzling	4.4.2.	Pass
Variation in supply parameters	4.5.	Pass
Fire sensitivity	4.6.	Pass
Cold (operational)	4.7.1.1.	Pass
Dry heat (operational)	4.7.1.2.	Pass
Damp heat, steady state (operational)	4.7.2.1.	Pass
Damp heat, steady state (endurance)	4.7.2.2.	Pass
Sulfur dioxide (SO2) corrosion (endurance)	4.7.3.	Pass
Shock (operational)	4.7.4.1.	Pass
Impact (operational)	4.7.4.2.	Pass
Vibration, sinusoidal (operational)	4.7.4.3.	Pass
Vibration, sinusoidal (endurance)	4.7.4.4.	Pass
Electromagnetic compatibility (EMC), immunity tests (operational)	4.7.5.	Pass

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

Accessories:

- Socket Z-200