

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

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

PRODUCT

Fire detection and fire alarm system

- Control and indicating equipment
- Power supply equipment

Models:

CAD-171, CAD-171 (R) CAD-171S, CAD-171S (R)

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 54-2:1997, EN 54-2:1997/A1:2006, EN 54-2:1997/AC:1999; EN 54-4:1997, EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006, EN 54-4:1997/AC:1999

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-7603

Date issued: 27/03/2026

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and the manufacturing conditions at the plant are not significantly modified, unless the certificate is suspended or withdrawn by the notified product certification body.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⁺
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 54-2:1997, EN 54-2:1997/A1:2006, EN 54-2:1997/AC:1999

Fire detection and fire alarm systems. Part 2: control and indicating equipment

Essential characteristics	Clauses in this European standard	Mandated level(s) or class(es)
General requirements	4.	Pass
General requirements for indications	5.	Pass
The quiescent condition	6.	Pass
The fire alarm condition	7.	Pass
Reception and processing of fire signals (see also annex C)	7.1	Pass
Output of the fire alarm condition	7.7	Pass
Output to fire alarm devices (option with requirements)	7.8	Pass
Output to fire alarm routing equipment (option with requirements)	7.9.1	NA
Alarm confirmation input from fire alarm routing equipment (option with requirements)	7.9.2	NA
Outputs to fire protection equipment (options with requirements)	7.10	NA
Outputs to fire protection equipment (options with requirements) - Output type A	7.10.1	NA
Outputs to fire protection equipment (options with requirements) - Output type B	7.10.2	NA
Outputs to fire protection equipment (options with requirements) - Output type C	7.10.3	NA
Fault monitoring of fire protection equipment (option with requirements)	7.10.4	NA
Delays to outputs (option with requirements)	7.11	Pass
Dependencies on more than one alarm signal. Type A (options with requirement)	7.12.1	NA
Dependencies on more than one alarm signal. Type B (option with requirements)	7.12.2	NA
Dependencies on more than one alarm signal. Type C (options with requirement)	7.12.3	NA
Alarm counter (option with requirements)	7.13	NA
Fault warning condition (see also annex F)	8.	Pass
Fault signals from points (option with requirements)	8.3	Pass
Total loss of the power supply (option with requirements)	8.4	Pass
Output to fault warning routing Equipment (option with requirements)	8.9	NA

Essential characteristics	Clauses in this European standard	Mandated level(s) or class(es)
Disabled condition	9.	Pass
Disabling of addressable points (option with requirements)	9.5	NA
Test condition (option with requirements)	10.	Pass
Standardized input/output interface (option with requirements –see also annex G)	11.	NA
Design requirements	12.	Pass
Additional design requirements for software controlled control and indicating equipment	13.	Pass
Marking	14.	Pass
Cold (operational)	15.4	Pass
Damp heat, steady state (operational)	15.5	Pass
Impact (operational)	15.6	Pass
Vibration, sinusoidal (operational)	15.7	Pass
Electromagnetic Compatibility (EMC)	15.8	Pass
Supply voltage variation (operational)	15.13	Pass
Damp heat, steady state (endurance)	15.14	Pass
Vibration, sinusoidal (endurance)	15.15	Pass

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

**Annex according to EN 54-4:1997, EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006,
 EN 54-4:1997/AC:1999**

Fire detection and fire alarm systems. Part 4: power supply equipment

Essential characteristics	Clauses in this European standard	Mandated level(s) or class(es)
General requirements	4.	Pass
Functions	5.	Pass
Materials, design and manufacture	6.	Pass
Documentation	7.	Pass
Marking	8.	Pass
Cold (operational)	9.5	Pass
Damp Heat, steady state (operational)	9.6	Pass
Impact (operational)	9.7	Pass
Vibration, sinusoidal (operational)	9.8	Pass
Electrostatic discharges (operational)	9.9	Pass
Damp heat, steady state (endurance)	9.14	Pass
Vibration, sinusoidal (endurance)	9.15	Pass

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

Accessories
CAD-250-R