



Notified Body No. 0370



No. **0370-CPR-1862**

## 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 5:** HEAT DETECTORS. POINT DETECTORS.
- **PART 7:** SMOKE DETECTORS: POINT DETECTORS USING SCATTERED LIGHT, TRANSMITTED LIGHT OR IONIZATION.
- **PART 17:** SHORT-CIRCUIT ISOLATORS

MODEL: **DOTD-230A-I** (ADDRESSABLE OPTICAL-HEAT DETECTOR WITH SHORT CIRCUIT ISOLATOR)

Place on the market under the name of:

## DETN OV SECURITY, S.L.

C/ DE LA CIÈNCIA, 30  
08840 VILADECANS (BARCELONA - SPAIN)

And produced in the manufacturing plant:

C/ DE LA CIÈNCIA, 30  
08840 VILADECANS (BARCELONA - SPAIN)

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


**EN 54-5:2000, EN 54-5:2000/A1: 2002; EN 54-7:2000, EN 54-7:2000/A1:2002,  
EN 54-7:2000/A2:2006; EN 54-17:2005, EN 54-17:2005/AC:2007**

under system 1 are applied and that **the product fulfils all the prescribed requirements set out above.**

This certificate was first issued on 14<sup>th</sup> November 2014 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 modified on 10<sup>th</sup> December 2018.

**The monitoring assessment will be done before September 2019**

Bellaterra, 10<sup>th</sup> December 2018

  
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*

## TECHNICAL ANNEX 0370-CPR-1862

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

Annexes according to **EN 54-5:2000 EN 54-5:2000/A1:2002**

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Classification	4.2	A2
Position of heat sensitive elements	4.3	PASS
Individual alarm indication	4.4	PASS
Connection of ancillary devices	4.5	PASS
Monitoring of detachable detectors	4.6	PASS
Manufacturer's adjustments	4.7	PASS
On-site adjustment of response behaviour	4.8	PASS
Marking	4.9	PASS
Data	4.10	PASS
Additional requirements for software controlled detectors	4.11	PASS
Directional dependence	5.2	PASS
Static response temperature	5.3	PASS
Response times from typical application temperature	5.4	PASS
Response times from 25 °C	5.5	NA
Response times from high ambient temperature (dry heat operational)	5.6	PASS
Variation in supply parameters	5.7	PASS
Reproducibility	5.8	PASS
Cold (operational)	5.9	PASS
Dry heat (endurance)	5.10	NA
Damp heat, cyclic (operational)	5.11	PASS
Damp heat, steady state (endurance)	5.12	PASS
Sulfur dioxide (SO <sub>2</sub> ) corrosion (endurance)	5.13	PASS
Shock (operational)	5.14	PASS
Impact (operational)	5.15	PASS
Vibration, sinusoidal (operational)	5.16	PASS

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



**TECHNICAL ANNEX 0370-CPR-1862****CERTIFICATE OF CONSTANCY OF PERFORMANCE**

Annexes according to **EN 54-5:2000 EN 54-5:2000/A1:2002**

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Vibration, sinusoidal (endurance)	5.17	PASS
Electromagnetic compatibility (EMC), immunity tests (operational)	5.18	PASS
Test for suffix S detectors	6.1	NA
Test for suffix R detectors	6.2	NA

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



## TECHNICAL ANNEX 0370-CPR-1862

### CERTIFICATE OF CONSTANCY OF PERFORMANCE

Annexes according to **EN 54-7: 2000, EN 54-7:2000/A1: 2002, EN 54-7:2000/A2:2006**

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Individual alarm indication	4.2.	PASS
Connection of ancillary devices	4.3.	PASS
Monitoring of detachable detectors	4.4.	PASS
Manufacturer's adjustments	4.5.	PASS
On-site adjustment of response behaviour	4.6.	PASS
Protection against the ingress of foreign bodies	4.7.	PASS
Response to slowly developing fires	4.8.	PASS
Marking	4.9	PASS
Data	4.10.	PASS
Additional requirements for software controlled detectors	4.11.	PASS
Repeatability	5.2.	PASS
Reproducibility	5.4.	PASS
Variation in supply parameters	5.5.	PASS
Air movement	5.6.	PASS
Dazzling	5.7.	PASS
Dry heat (operational)	5.8.	PASS
Cold (operational)	5.9.	PASS
Damp heat, steady state (operational)	5.10.	PASS
Damp heat, steady state (endurance)	5.11.	PASS
Sulfur dioxide (SO <sub>2</sub> ) corrosion (endurance)	5.12.	PASS
Shock (operational)	5.13.	PASS
Impact (operational)	5.14.	PASS
Vibration, sinusoidal (operational)	5.15.	PASS
Vibration, sinusoidal (endurance)	5.16.	PASS
Electromagnetic compatibility (EMC), immunity tests (operational)	5.17.	PASS
Fire sensitivity	5.18.	PASS

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



## TECHNICAL ANNEX 0370-CPR-1862

### CERTIFICATE OF CONSTANCY OF PERFORMANCE

Annexes according to **EN 54-17:2005, EN 54-17:2005/AC:2007**

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Compliance	4.1	PASS
Integral status indication	4.2	PASS
Connection of ancillary devices	4.3	NA
Monitoring of detachable short-circuit isolators	4.4	NA
Manufacturer's adjustments	4.5	PASS
On-site adjustments	4.6	NA
Marking	4.7	PASS
Data	4.8	PASS
Additional requirements for software controlled short-circuit isolators	4.9	NA
Reproducibility	5.2	PASS
Variation in supply voltage	5.3	PASS
Dry heat (operational)	5.4	PASS
Cold (operational)	5.5	PASS
Damp heat, cyclic (operational)	5.6	PASS
Damp heat, steady state (endurance)	5.7	PASS
Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance)	5.8	PASS
Shock (operational)	5.9	PASS
Impact (operational)	5.10	PASS
Vibration, sinusoidal (operational)	5.11	PASS
Vibration, sinusoidal (endurance))	5.12	PASS
Electromagnetic Compatibility (EMC), Immunity tests (operational)	5.13	PASS

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

Accessories:

- Socket Z-200

