Constancy of Performance Certificate

No. 0370-CPR-7308

Date issued: 17/04/2026
First issue date: 21/03/2025
Expiry date: 31/03/2029

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

APPLICANT

Placed on the market under the name of

Shenzhen HTI Sanjiang Electronics Co., Ltd.

3/F., Guangcai Xintiandi Mansion, Nanshan Road, Nanshan District, Shenzhen, Guangdong, 518054, China

Manufactured at the production plant

Building 1B, Hongao Industrial Estate (Hongfa High-tech Industrial Park), Crossing of Genyu Road and Nanming Road, Gongming Street, Guangming New District, Shenzhen, Guangdong, China

PRODUCT

Fire detection and fire alarm system

- ❑ Heat detectors. Point detectors

Model: C9021T

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 54-5:2017+A1:2018

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 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the EVCP methods and the manufacturing conditions at the plant are not significantly modified, unless suspended or withdrawn by the notified product certification body.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.

Xavier Ruiz Peña
Managing Director
Conformity Assessment

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

ENAC
CERTIFICACIÓN ISO 17065 Nº12 / C-PR054

Check the status of this certificate

Certificate

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

Technical annex Ed. 1
21/03/2025
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Technical Annex

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

Fire detection and fire alarm system. 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	Category A2
Position of heat sensitive element	4.2.1	Pass
Individual alarm indication	4.2.2	Pass
Connection of ancillary devices	4.2.3	Pass
Monitoring of detachable point heat detectors	4.2.4	Pass
Manufacturing adjustments	4.2.5	Pass
On site adjustment of response behaviour	4.2.6	Na
Software controlled detector	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 test for suffix S point heat detectors	4.4.1	Na
Additional test for suffix R point heat 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
Sulfur 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
EMC, immunity (operational)	4.6.5	Pass

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

Accesories	
DZ-912	Detector Base