

Notified body No. 1134 asbl ANPI vzw

Parc Scientifique Fleming - Granbonpré 1 B-1348 Louvain-la-Neuve



CERTIFICATE OF CONSTANCY OF PERFORMANCE

1134-CPR-119

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the products Construction Products Regulation or CPR), this certificate applies to the construction product

Optical smoke detector Aritech DP721T

with the variants and the performances listed in annex of this certificate and for the intended use:

Fire safety

manufactured by or for

Carrier Fire & Security BV
Kelvinstraat 7
6003 DH Weert
Nederland

and produced in the manufacturing plant

Carrier Safety System (Hebei) Co. Ltd.
N°.80 Changjiang East Road
QETDZ
066004 Qinhuangdao
Hebei
China

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

EN 54-7:2000/A1:2002/A2:2006

under system 1 are applied and that

the products fulfil all prescribed requirements set out above.

This certificate was first issued on 2013-11-27 and remains valid as a long time as the testing methods and/or for the control of the production in factory included in the harmonized standard, used to evaluate the performances of the declared characteristics, do not change and as neither the product, nor the manufacturing conditions in the plant or the factory production control itself are not modified significantly.

Brussels, 16 juin 2021

Marie Majerus Certification Manager

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Annex 1 to the CERTIFICATE CONSTANCY OF PERFORMANCE

1134-CPR-119

Variants of the Aritech DP721T

Optical smoke detector Variants: DP721RT

Base with short-circuit isolator Aritech DB701

Variants: DB701U

DB702 DB702U

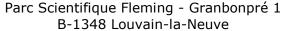
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Annex 2 to the CERTIFICATE CONSTANCY OF PERFORMANCE 1134-CPR-119

Harmonised technical specification EN 54-7:2	7:2000/A1:2002/A2:2006		
Essential Characteristics	Performance	Clause	
Nominal activation conditions / Sensitivity / Response delay (response time			
and Performance under fire conditions			
- Response to slowly developing fires	NA	4.8	
- Repeatability	pass	5.2	
- Directional dependence	pass	5.3	
- Reproducibility	pass	5.4	
- Air movement	pass	5.6	
- Dazzling	pass	5.7	
- Fire sensitivity	pass	5.18	
Operational reliability			
- Individual alarm indication	pass	4.2	
- Connection of ancillary devices	pass	4.3	
- Monitoring of detachable detectors	pass	4.4	
- Manufacturer's adjustments	pass	4.5	
- On-site adjustment of response behaviour	pass	4.6	
- Protection against the ingress of foreign bodies	pass	4.7	
- Marking	pass	4.9	
- Data	pass	4.10	
- Additional requirements for software-controlled detectors	pass	4.11	
Tolerance to supply voltage			
- Variation in supply voltage	pass	5.5	
Durability of operational reliability and response delay, temperature			
resistance	pass	5.8	
- Dry heat	pass	5.9	
- Cold (operational)			
Durability of operational reliability, vibration resistance			
- Shock (operational)	pass	5.13	
- Impact (operational)	pass	5.14	
- Vibration (operational)	pass	5.15	
- Vibration (endurance)	pass	5.16	
Durability of operational reliability, humidity resistance			
- Damp heat, steady state (operational)	pass	5.10	
- Damp heat, steady state (endurance)	pass	5.11	
Durability of operational reliability, corrosion resistance			
- Sulphur dioxide (SO ₂) corrosion	pass	5.12	
Durability of operational reliability, electrical stability			
- Electromagnetic compatibility (EMC), immunity (operational)	pass	5.17	
Note: NPD theoretically possible; except for durability of characteristics with declared performance			
NA (not applicable) for components to which the requirement does not apply			

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