

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Issued by DBI Certification, notified body No. 2531.

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

55000-600 XP95 Analogue Addressable Optical Smoke Detector

The product fulfils the essential characteristic:

See Annex 1

Intended use: Applications related to automatic fire alarm systems

Placed on the market under the name or trade mark of:

Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire, PO9 1JR, UK

and produced in the manufacturing plant:

Apollo Fire Detectors Limited
36 Brookside Road, Havant, Hampshire, PO9 1JR, UK

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

EN 54-7:2000/A1:2002/A2:2006 : Fire detection and fire alarm systems - Part 7: Smoke detectors - Point detectors using scattered light, transmitted light or ionization

under system 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to remain constant.

The attached annexes form part of this certificate.

Date of issue: **2019-10-09**.

This certificate will remain valid as long as neither the harmonized standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.

This certificate was first issued 2019-10-09.



Merete Poulsen
Responsible for evaluation



Allan Laursen
Responsible for certification decision

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DBI Certification A/S

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Annex 1

EXTENT

Type:

55000-600 XP95 Analogue Addressable Optical Smoke Detector

Variants:

55000-620 XP95 Analogue Addressable Optical Smoke Detector

55000-660 XP95 Analogue Addressable Optical Smoke Detector

55000-620LIM (branded as Limotec)

Bases:

45681-210 Standard Mounting Base

45681-209 XP95/Discovery standard deep mounting base

Performance

Essential characteristics	Clauses in EN 54-7:2000	Performance
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions	4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18	Pass
Operational reliability	4.2 to 4.7, 4.9 to 4.11	Pass
Tolerance to supply voltage	5.5	Pass
Durability of operational reliability and response delay; temperature resistance	5.8, 5.9	Pass
Durability of operational reliability; vibration resistance	5.13 to 5.16	Pass
Durability of operational reliability; humidity resistance	5.10, 5.11	Pass
Durability of operational reliability; corrosion resistance	5.12	Pass
Durability of operational reliability; electrical stability	5.17	Pass

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DBI Certification A/S

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Annex 2

TEST DOCUMENTATION

Accredited Laboratory	Report no.	Date
BRE	TE-P112845-1001 Issue: 1	23 October 2018
BRE	SW-P112845-1001 Issue: 1	31 October 2018
LPC	TE 82647	July 1993
LPC	TE 82952	September 1994
LPC	TE 83810	October 1993
LPC	TE 84571	June 1994
LPC	TE 84654	June 1994
LPC	TE 93332	13 September 1999
BRE	TE 205437	22 February 2002
BRE	TE288681 Issue: 1	19 December 2016

TECHNICAL BASIS

File Number	Title
55000-600	Build Standard
55000-620	Build Standard
55000-620	Build Standard
55000-660	Build Standard
45681-210	Build Standard
45681-209	Build Standard

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