

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

**FEOE2000
OPTICAL SMOKE**

Conventional Smoke detector with output for LED

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:

**Zeta Alarms Limited
72-78 Morfa Road, Haford,
Swansea, SA1 2EN,
United Kingdom**

and produced in the manufacturing plant:

CPA10001

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

EN54-7:2000/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: **2017-09-29**

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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly unless suspended or withdrawn by the notified product certification body.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 supersedes the previous version of this certificate issued 2017-03-10)

This certificate was first issued 2014-08-01.



Klaus Mühlbach
Responsible for evaluation



Merete Poulsen
Responsible for certification decision

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DBI Certification A/S

Jernholmen 12, 2650 Hvidovre
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Prod. Reg. Nr. 7023

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Annex 1

EXTENT

Type:

Fyreye detector type FEOE2000 OPTICAL SMOKE

Conventional Smoke detector with output for LED

Must be installed in Fyreye Common Base Part no. 45681-200GLT.

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, 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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Certificate No.: 2531-CPR-232.1559

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Annex 2

TEST DOCUMENTATION

Accredited Laboratory	Report no.	Date
DELTA	DANAK-199813, Rev. 1	2007-01-11
DELTA	DANAK-199728	2004-06-04

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Annex 3

TECHNICAL BASIS

File Number	Title	Date
WizMart FEOE2000 & FEOH2000 document - For DBI Certificate Application	GLT323D001, Version 1.1	2006-11-13

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