

CERTIFICATE OF CONSTANCY OF PERFORMANCE

Issued by DBI Certification-UK, approved body No. 8504.

In compliance with UK STATUTORY INSTRUMENT 2020 No. 1359 Construction Products Regulation 2011 (retained EU law EUR 305/2011) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020, this certificate applies to the construction product

BBL-100 Addressable indoor beacon with isolator

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:

**Autronica Fire and Security AS
Bromstadvegen 59
NO-7047 Trondheim
Norway**

and produced in the manufacturing plant:

CPA10061

This attests that all provisions concerning the performance described in Annex ZA of the standard(s)

EN 54-17:2005 : **Fire detection and fire alarm systems — Part 17: Short circuit isolators**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

CONSTANCY OF PERFORMANCE OF THE CONSTRUCTION PRODUCT.

This certificate was first issued on 2022-12-23 and will remain valid as long as neither the harmonised 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The attached annexes form part of this certificate.

Date of issue: **2022-12-23**.



Merete Poulsen
Responsible for evaluation



Chris Ellis
Responsible for certification decision

Annex 1

EXTENT

Type:
BBL-100 Addressable indoor beacon with isolator

Note:
The beacon functionality is not included within the scope of this approval.

Performance

Essential characteristics	Clauses in EN 54-17:2005	Performance
Performance under fire conditions	5.2 ¹⁾	Pass
Operational reliability	4 ²⁾	Pass
Durability of operational reliability; temperature resistance	5.4, 5.5	Pass
Durability of operational reliability; vibration resistance	5.9 to 5.12	Pass
Durability of operational reliability; humidity resistance	5.6, 5.7	Pass
Durability of operational reliability; corrosion resistance	5.8	Pass
Durability of operational reliability; electrical stability	5.3, 5.13	Pass

- 1) This is assuming that the effect of the fire is to cause a short circuit in the transmission path that is protected by these devices
- 2) There is no provision for connection of ancillary devices and this device does not incorporate a LED indicator. Therefore the clauses 4.2 and 4.3 are not applicable.



Annex 2

TEST DOCUMENTATION

Accredited Laboratory	Report no.	Date
BRE	TE 243617	2010-10-15
BRE	TE 243617-SW	2010-10-19

TECHNICAL BASIS

File Number	Title	Date
BBL-100 BOM	811039FULL-0002 SOL/RF/RL/R/S AUTRONICA BBL-100	2019-05-08
02C077	Critical Component List	2019-04, Rev. 3.0