

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

BZ-500

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:
CPA10058

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

EN 54-18:2005+AC:2007 : **Fire detection and fire alarm systems — Part 18: Input/output devices**

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 2022-10-19 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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: **2022-10-19**.



Steen Nilsson
Responsible for evaluation



Merete Poulsen
Responsible for certification decision

Annex 1

EXTENT

Type:		
Product	Brand	Type
Barrier Unit	Autronica	BZ-500
Performance		
Essential characteristics	Clauses in EN 54-18:2005/AC:2007	Performance
Response delay (response time)	5.2	Pass
Performance under fire conditions	5.1.4	Pass
Operational reliability	5.1.4	Pass
Durability of operational reliability; temperature resistance	5.3, 5.4	Pass
Durability of operational reliability; vibration resistance	5.8 to 5.11	Pass
Durability of operational reliability; humidity resistance	5.5, 5.6	Pass
Durability of operational reliability; corrosion resistance	5.7	Pass
Durability of operational reliability; electrical stability	5.2, 5.12	Pass



Annex 2

TEST DOCUMENTATION

Accredited Laboratory	Report no.	Date
Nemko	187272	2011-12-15
Nemko	E12031.00	2011-12-15

Annex 3

TECHNICAL BASIS

File Number	Title
BoM_BZ-500	Bill of Materials Report