



Notified body No. 1134
asbl ANPI vzw
Parc Scientifique Fleming - Granbonpré 1
B-1348 Louvain-la-Neuve

CERTIFICATE OF CONSTANCY OF PERFORMANCE

1134 - CPR – 014

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:

Heat detector – Point detector AUTRONICA BD-25 (class A1)

and the variants: see annex 1 of the EC certificate of constancy of performance
with the performances listed in annex 2 of the EC certificate of constancy of performance and
intended use: Fire safety

manufactured by:

**AUTRONICA Fire and Security AS
Haakon VII's gate 4
N-7483 Trondheim
NORWAY**

and produced in the manufacturing plant(s):

**AUTRONICA Fire and Security AS
Haakon VII's gate 4
N-7483 Trondheim
NORWAY**

This certificate attests that all provisions concerning the assessment and the verification of constancy performance at system 1 being certified and the performances described in Annex ZA of the standard(s):

EN 54-5:2000 + EN 54-5/A1: 2002

are applied and that

the product fulfils to all here above mentioned and prescribed requirements.

This certificate was first issued on **2014-02-14** 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, the 14th of February 2014


Michèle VANDENDOREN
Secretary General



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Annex 1 to CERTIFICATE CONSTANCY OF PERFORMANCE

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includes also the following variants of the HEAT DETECTOR – POINT DETECTOR
(class A1) AUTRONICA BD-25

Variants:

Heat detector			
Brand	Type	Class (Heat)	Nature
Autronica	BD-25T	A1	Conventional
Autronica	BD-26	A1	Conventional
Autronica	BD-26/T	A1	Conventional
Autronica	BD-26/EX	A1	Conventional
Autronica	BD-27	B	Conventional
Autronica	BD-27/T	B	Conventional
Autronica	BD-27/EX	B	Conventional

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Annex 2 to CERTIFICATE CONSTANCY OF PERFORMANCE

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Harmonised technical specification	EN 54-5:2000+ A1:2002	
Essential Characteristics	Performance ^{1) 2)}	Clause
<i>Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions</i> <ul style="list-style-type: none"> - Classification: BD-25, BD-25T, BD-26, BD-26/T & BD-26/EX BD-27, BD-27/T & BD-27/EX - Position of heat sensitive element - Directional dependence - Static response temperature - Response times from typical application temperature - Response times from 25 °C: BD-25, BD-25T, BD-26, BD-26/T & BD-26/EX - Response times from 25 °C: BD-27, BD-27/T & BD-27/EX - Response times from high ambient temperature - Reproducibility - Additional test for suffix S detectors - Additional test for suffix R detectors 	A1 B pass pass pass pass NA pass pass pass NA NA	4.2 4.3 5.2 5.3 5.4 5.5 5.5 5.6 5.8 6.1 6.2
<i>Operational reliability</i> <ul style="list-style-type: none"> - Individual alarm indication - Connection of ancillary devices - Monitoring of detachable detectors - Manufacturer's adjustments - On-site adjustment of response behaviour - Marking - Data - Additional requirements for software controlled detectors 	pass pass pass pass NA pass pass NA	4.4 4.5 4.6 4.7 4.8 4.9 4.10 4.11
<i>Tolerance to supply voltage</i> <ul style="list-style-type: none"> - Variation in supply parameters 	pass	5.7
<i>Durability of operational reliability and response delay, temperature resistance</i> <ul style="list-style-type: none"> - Cold (operational) - Dry heat (endurance) 	pass NA	5.9 5.10
<i>Durability of operational reliability, vibration resistance</i> <ul style="list-style-type: none"> - Shock (operational) - Impact (operational) - Vibration, sinusoidal (operational) - Vibration, sinusoidal (endurance) 	pass pass pass pass	5.14 5.15 5.16 5.17
<i>Durability of operational reliability, humidity resistance</i> <ul style="list-style-type: none"> - Damp heat, cyclic (operational) - Damp heat, steady state (endurance) 	pass pass	5.11 5.12
<i>Durability of operational reliability, corrosion resistance</i> <ul style="list-style-type: none"> - Sulphur dioxide (SO₂) corrosion (endurance) 	pass	5.13
<i>Durability of operational reliability, electrical stability</i> <ul style="list-style-type: none"> - Electromagnetic compatibility (EMC), immunity (operational) 	pass	5.18
¹⁾ "NPD" theoretically possible; except for durability of characteristics with declared performance ²⁾ "NA" "not applicable" for components to which the requirement does not apply		

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