

Certificate of constancy of performance

0832-CPR-F0626

In compliance with Regulation 305/2011/EU of the European Parliament and of the council of 9th March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

A2000 Addressable Multi-Criteria Detector with Short Circuit Isolator

(For full product details and conditions of use refer to appendix)

Produced by or for

Argus Security S.r.l

Via del Canneto 14
Valle delle Noghere
34015 Muggia
Trieste
Italy

and produced in the manufacturing plant(s)

Argus Security S.r.l

Via del Canneto 14
Valle delle Noghere
34015 Muggia
Trieste
Italy

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard(s)

EN 54-5:2000 + A1:2002 - Heat detectors - Point detectors
EN 54-7:2000 + A1:2002 + A2:2006 - Smoke detectors - Point detectors
EN 54-17:2005 - Short circuit isolators
CEA 4021: 2003

under system 1 are applied and that

the product fulfils all the prescribed requirements set out above.

This certificate was first issued on 29 July 2014 and will remain valid as long as the test methods and/or factory production control requirements included in the harmonised standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly.



S Patrick, Certification Manager
On behalf of BRE Global Limited
Date of issue: 29 July 2014
Issue number: 01

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Appendix to Certificate of constancy of performance 0832-CPR- F0626

Notes:

1. Meets the requirements of EN 54-5 (Class A1) & EN 54-7 at the following settings:
 - Multi Criteria Level 1 (most sensitive) - Thermally enhanced smoke detection with Class A1 heat response
 - Multi Criteria Level 2 - Thermally enhanced smoke detection with Class A1 heat response
 - Multi Criteria Level 3 - Thermally enhanced smoke detection with Class A1 heat response
 - Multi Criteria Level 4 (least sensitive) - Thermally enhanced smoke detection with Class A1 heat response
2. Meets the requirements of EN 54-5 (Class A1R) at the following settings:
 - Class A1R heat only response
3. Meets the requirements of EN 54-7 at the following sensitivity settings:
 - Optical only level 1 - High
 - Optical only level 2
 - Optical only level 3
 - Optical only level 4 – Low

Base:

LAB1000 Standard mounting base



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DECLARATION OF CONFORMITY

Ref. DoC: AT20160131A10

Manufacturer: **Argus Security S.r.l**
Via del Canneto 14 – Valle delle Noghère
34015 Muggia - Trieste
Italy

Product (family): **ALTAIR addressable detectors**

Product Code: **A1000 Optical Smoke**
A2000 Multi-criteria
A3500 Heat

Use for: **Fire detection and alarm systems**

We hereby declare that the products shown above (and any custom labelled variants) comply with the essential requirements of the following Directives and/or Regulations:

- **EMC Directive 2004/108/EC**
(from 20 April 2016 EMC Directive 2014/30/EU)
- **Construction Products Directive 89/106/EEC or**
Construction Products Regulation 2011/305/EU*
- **RoHS Directive 2011/65/EU**
- **WEEE Directive 2012/19/EU**

** Note: Refer to applicable Declaration of Performance for detailed conformity to other applicable performance standards*

*** Note: LVD not applicable to products with external operating voltages below 50VAC or 75VDC*

For and on behalf of
Argus Security Srl:

Vincenzo Nesta
Managing Director

Trieste, 31 January 2016

CPR - DECLARATION of PERFORMANCE

N° AT0610CPR (Conformity EU 305/2011)

1. Unique identification code of the product type:

**A1000
A2000
A3500**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under article 11(4) of the CPR:

**A1000 Analogue Addressable Photoelectric Smoke Detector with Short Circuit Isolator
A2000 Addressable Multi-criteria Detector with Short Circuit Isolator
A3500 Analogue Addressable Class P Heat Detector with Short Circuit Isolator**

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

For use in compatible fire detection and alarm system

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under article 11(5):

**ARGUS SECURITY Srl
Via del Canneto 14
Valle delle Noghere
34015 Muggia - Trieste – Italy
info@argussecurity.it www.argussecurity.it**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in article 12(2):

N/A

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by harmonized standard:

**A2000 – A3500: EN 54-5:2000+A1:2002
A1000 – A2000: EN 54-7:2000+ A1:2002+A2:2006
A1000 – A2000 – A3500: EN 54-17:2005
A2000: CEA 4021:2003**

Bre Global Ltd, N.B. No. 0832, performed the necessary initial inspection of the manufacturing plant and the factory production control together with ongoing continuous surveillance and issued the certificate confirming constancy of the conformity of the factory production control

Product code:
A1000
A2000
A3500

LPCB Certificate:
928b/02
928c/02
928a/02

LPCB CPR Reference:
0832-CPR-F0625
0832-CPR-F0626
0832-CPR-F0627

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

N/A

9. Declared performance:

ESSENTIAL CHARACTERISTICS	CLAUSE APPLICABLE	PERFORMANCE	HARMONISED STANDARD
Nominal activation conditions / Sensitivity, Response delay (response time) and Performance under fire conditions	4.2, 4.3, 5.2 to 5.6, 5.8, 6.2 (Suffix R)	PASS	EN 54-5:2000+A1:2002
Operational reliability	4.4 to 4.11	PASS	
Tolerance to supply voltage	5.7	PASS	
Durability of operational reliability and response delay; temperature resistance	5.9, 5.10	PASS	
Durability of operational reliability; vibration resistance	5.14 to 5.17	PASS	
Durability of operational reliability; humidity resistance	5.11, 5.12	PASS	
Durability of operational reliability; corrosion resistance	5.13	PASS	
Durability of operational reliability; electrical stability	5.18	PASS	

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	EN 54-7:2000+ A1:2002+A2:2006
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	

ESSENTIAL CHARACTERISTICS	CLOSE APPLICABLE	PERFORMANCE	HARMONISED STANDARD
Performance parameters under fire conditions	5.2	PASS	EN 54-17:2005
Operational reliability	4	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	

10. The performance of the products identified in points 1 and 2 are in conformity with the declared performance in the point 9. This declaration is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Ing. V.Nesta – Managing Director – Argus Security Srl, Trieste – ITALY

Trieste, 13 May 2014

ARGUS SECURITY
S.r.l.



Vincenzo Nesta
Managing Director

Certificate of Product Approval

Certificate Number: 928c

Issue: 11

Argus Security S.r.l.

Via del Canneto 14
Valle delle Noghere
34015 Muggia
Trieste
Italy



is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirement(s) of the standards as detailed below:

Products:

Multi-Sensor/Multi-Criteria Detectors

V200
A2000

Standards:

EN 54-5: 2000 + A1: 2002
EN 54-7: 2000 + A1: 2002 + A2: 2006
EN 54-17: 2005
CEA 4021: 2003

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.

Signed for LPCB

M McCullagh
Verifier

28 October 2014
Date of Issue

15 July 2009
Date of First Issue



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Appendix to Certificate No: 928c Argus Security S.r.l.

Issue: 11

Certified Product	Description	LPCB Ref.No.
V200	<p>Analogue Addressable Class P Heat and Photoelectric Smoke Multi-sensor Detector with Short Circuit Isolator (VB100, UB100, VB100S, UB100S, VDBS100, DBS100, VDBS100S and DBS100S bases)</p> <p>Notes</p> <p>1. Meets the requirements of EN 54-5 (Class A1) & EN 54-7 at the following settings: Multi Criteria Level 1 (most sensitive) - Thermally enhanced smoke detection with Class A1 heat response Multi Criteria Level 2 - Thermally enhanced smoke detection with Class A1 heat response Multi Criteria Level 3 - Thermally enhanced smoke detection with Class A1 heat response Multi Criteria Level 4 (least sensitive) - Thermally enhanced smoke detection with Class A1 heat response</p> <p>2. Meets the requirements of EN 54-5 (Class A1R) at the following settings: Class A1R heat only response</p> <p>3. Meets the requirements of EN 54-7 at the following settings: Optical only level 1 - High Optical only level 2 Optical only level 3 Optical only level 4 - Low</p>	928c/01

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Issue: 11

Certified Product	Description	LPCB Ref.No.
A2000	<p>Addressable Multi-Criteria Detector with Short Circuit Isolator (LAB1000 base)</p> <p>Notes:</p> <ol style="list-style-type: none"> Meets the requirements of EN 54-5 (Class A1) & EN 54-7 at the following settings: Multi Criteria Level 1 (most sensitive) - Thermally enhanced smoke detection with Class A1 heat response Multi Criteria Level 2 - Thermally enhanced smoke detection with Class A1 heat response Multi Criteria Level 3 - Thermally enhanced smoke detection with Class A1 heat response Multi Criteria Level 4 (least sensitive) - Thermally enhanced smoke detection with Class A1 heat response Meets the requirements of EN 54-5 (Class A1R) at the following settings: Class A1R heat only response Meets the requirements of EN 54-7 at the following sensitivity settings: Optical only level 1 - High Optical only level 2 Optical only level 3 Optical only level 4 - Low 	928c/02

Product Extras:

Bases:

VB100	Vega adaptor mounting base (with link resistor)
UB100	Universal adaptor mounting base
VB100S	Vega adaptor base with shorting clip
UB100S	Universal adaptor base with shorting clip
VDBS100	Vega deep adaptor base
DBS100	Deep adaptor base
VDBS100S	Vega deep adaptor base with shorting clip
DBS100S	Deep adaptor base with shorting clip
LAB1000	Low profile adaptor base

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Alternative Model Numbers and Labelling

LPCB Ref No.	Model No.	Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
928c/01	V200	HFI-MA-01	Sterling Safety Systems Ltd	928c
928c/01	V200	FF OT200	Finder Elektronik A.S.	928c-(cl-1)
928c/01	V200	V200	Argus-Spectrum Co	928c-(cl-2)
928c/01	V200	AT130A	Advantronic Systems S.L.	928c-(cl-3)
928c/01	V200	20-V200-ADV	Advanced Electronics Limited	928c-(cl-5)
928c/01	V200	SF2000	Teledata S.r.l.	928c-(cl-6)
928c/01	V200	VELOX V200	ATEIS Middle East FZCO	928c-(cl-7)
928c/02	A2000	FF OT200A	Finder Elektronik A.S.	928c-(cl-1)
928c/02	A2000	AT430A	Advantronic Systems S.L.	928c-(cl-3)
928c/02	A2000	F1750/OT	Labor Strauss Sicherungsanlagenbau GmbH	928c-(cl-8)
928c/02	A2000	HFI-MA-05	Sterling Safety Systems Ltd	928c-(cl-9)
928c/02	A2000	100-2401V	Eurotech Fire Systems Ltd	1213p

Bases

LPCB Ref No.	Model No.	Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
928	VB100	FF BS200	Finder Elektronik A.S.	928
928	LAB1000	FF BS200A	Finder Elektronik A.S.	928
928	VB100	BS100E	Teledata S.r.l.	928
928	UB100	BS100	Teledata S.r.l.	928

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LPCB Ref No.	Model No.	Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
928	VB100S	BS100E/S	Teledata S.r.l.	928
928	UB100S	BS100/S	Teledata S.r.l.	928
928	VB100	VELOX VB100	ATEIS Middle East FZCO	928
928	UB100	UB100	ATEIS Middle East FZCO	928
928	VB100S	VELOX VB100S	ATEIS Middle East FZCO	928
928	UB100S	UB100S	ATEIS Middle East FZCO	928
928	VDBS100	VELOX VDBS100	ATEIS Middle East FZCO	928
928	DBS100	DBS100	ATEIS Middle East FZCO	928
928	VDBS100S	VELOX VDBS100S	ATEIS Middle East FZCO	928
928	DBS100S	DBS100S	ATEIS Middle East FZCO	928
928	LAB1000	F1750/B	Labor Strauss Sicherungsanlagenbau GmbH	928
928	VB100	HFI-DMB-01	Sterling Safety Systems	928
928	UB100	HFI-UB-01	Sterling Safety Systems	928
928	VB100S	HFI-DMBS-01	Sterling Safety Systems	928
928	UB100S	HFI-UBS-01	Sterling Safety Systems	928
928	VDBS100	HFI-DDB-01	Sterling Safety Systems	928
928	DBS100	HFI-DUB-01	Sterling Safety Systems	928
928	VDBS100S	HFI-DDBS-01	Sterling Safety Systems	928
928	DBS100S	HFI-DUBS-01	Sterling Safety Systems	928
928	LAB1000	HFI-DMBS-05	Sterling Safety Systems	928
928	VB100	VB100	Argus-Spectrum Co	928

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LPCB Ref No.	Model No.	Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
928	UB100	UB100	Argus-Spectrum Co	928
928	UB100	BA100	Advantronic Systems S.L.	928
928	LAB1000	BA400	Advantronic Systems S.L.	928
928	UB100	20-AB100-ADV	Advanced Electronics Limited	928
928	LAB1000	100-3000V	Eurotech Fire Systems Ltd	1213

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