

Certificate of constancy of performance

0832-CPR-F0648

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

S1000 Conventional Photoelectric Smoke Detector

(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 54-7:2000 + A1:2002 + A2:2006 - Smoke detectors - Point detectors

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- F0648

Bases:

UB100	Universal adaptor base
DBS100	Deep adaptor base
UBR100	Universal adaptor base with resistor
DBSR100	Deep adaptor base with resistor
UBDR100	Universal adaptor base with resistor and Schottky diode
DBSRD100	Deep adaptor base with resistor and Schottky diode



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DECLARATION OF CONFORMITY

Ref. DoC: AU20160131A10

Manufacturer:

Argus Security S.r.l

Via del Canneto 14 - Valle delle Noghere
34015 Muggia - Trieste
Italy

Product (family):

AURORA Conventional Detectors

Product Code:

**S1000 Conventional Photo Detector - Optical Smoke
S3500 Conventional Class P - Thermal Detector**

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° AU0210CPR (Conformity EU 305/2011)

1. Unique identification code of the product type:

S1000
S3500

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:

S1000 Conventional Photo Smoke Detector
S3500 Conventional Class P Heat Detector

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:

S1000: EN 54-7:2000+ A1:2002+A2:2006
S3500: EN 54-5:2000+A1:2002

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:
S1000
S3500

LPCB Certificate:
928e/02
928d/02

LPCB CPR Reference:
0832-CPR-F0648
0832-CPR-F0649

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	



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: 928e

Issue: 13

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

Smoke Detectors

LV100
S1000
A1000L

(refer to Appendix for details)

Standards

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

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

14 August 2009
Date of First Issue



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

Issue: 13

Certified Product	Description	LPCB Ref.No.
LV100	Vega-Lite Analogue Addressable Photoelectric Smoke Detector (VB100, UB100, VB100S, UB100S, VDBS100, DBS100, VDBS100S and DBS100S Bases) Note: 1. 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	928e/01
S1000	Conventional Photoelectric Smoke Detector (UB100, DBS100, UBR100, DBSR100, UBDR100 and DBSRD100 Bases)	928e/02
A1000L	Altair Lite Addressable Photoelectric Smoke Detector (LAB1000 Base) Note: 1. 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	928e/03

Product Extras

Bases

VB100	Vega Adaptor Base (with Link Resistor)
UB100	Universal Adaptor 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

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DBS100S	Deep Adaptor Base with Shorting Clip
UBR100	Universal Adaptor Base with Resistor
DBSR100	Deep Adaptor Base with Resistor
UBDR100	Universal Adaptor Base with Resistor and Schottky Diode
DBSRD100	Deep Adaptor Base with Resistor and Schottky Diode
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.
928e/01	LV100	HFI-PAE-01	Sterling Safety Systems Ltd	928e
928e/01	LV100	FF O200L	Finder Elektronik A.S.	928e-(cl-1)
928e/01	LV100	LV100	Argus-Spectrum Co	928e-(cl-2)
928e/01	LV100	AT110AS	Advantronic Systems S.L.	928e-(cl-3)
928e/01	LV100	20-LV100-ADV	Advanced Electronics Limited	928e-(cl-5)
928e/01	LV100	SF1000E	Teledata S.r.l.	928e-(cl-6)
928e/01	LV100	FGSD100	Fireguard Safety Equipment Company Limited	928e-(cl-7)
928e/01	LV100	FOSD100	Fireonica Co. Ltd	928e-(cl-8)
928e/02	S1000	FF O1000	Finder Elektronik A.S.	928e-(cl-1)
928e/02	S1000	AT110CM	Advantronic Systems S.L.	928e-(cl-3)
928e/02	S1000	20-AS1000-ADV	Advanced Electronics Limited	928e-(cl-5)
928e/02	S1000	GC002 D	GEZE GmbH	928e-(cl-10)
928e/02	S1000	FC650/O	Labor Strauss Sicherungsanlagenbau GmbH	928e-(cl-11)
928e/02	S1000	100-2210V	Eurotech Fire Systems Ltd	1213e
928e/03	A1000L	FF O200AL	Finder Elektronik A.S.	928e-(cl-1)
928e/03	A1000L	AT410AS	Advantronic Systems S.L.	928e-(cl-3)
928e/03	A1000L	HFI-PAE-05	Sterling Safety Systems Ltd	928e-(cl-12)

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Bases

LPCB Ref No.	Model No.	Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
928	UB100	BA100	Advantronic Systems S.L.	928
928	DBS100	BA101	Advantronic Systems S.L.	928
928	LAB1000	BA400	Advantronic Systems S.L.	928
928	VB100	VB100	Argus-Spectrum Co	928
928	UB100	UB100	Argus-Spectrum Co	928
928	UBDR100	FF BRD200	Finder Elektronik A.S.	928
928	UBR100	FF UBR200	Finder Elektronik A.S.	928
928	VB100	FF BS200	Finder Elektronik A.S.	928
928	LAB1000	FF BS200A	Finder Elektronik A.S.	928
928	UB100	GC160B	GEZE GmbH	928
928	UB100	FC600/B	Labor Strauss Sicherungsanlagenbau GmbH	928
928	UBDR100	FC600/BRD	Labor Strauss Sicherungsanlagenbau GmbH	928
928	UBR100	FC600/BR	Labor Strauss Sicherungsanlagenbau GmbH	928
928	VB100	BS100E	Teledata S.r.l.	928
928	VB100S	BS100E/S	Teledata S.r.l.	928
928	UB100S	BS100/S	Teledata S.r.l.	928
928	UB100	BS100	Teledata S.r.l.	928
928	VB100	HFI-DMB-01	Sterling Safety Systems Ltd	928
928	UB100	HFI-UB-01	Sterling Safety Systems Ltd	928

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928	VB100S	HFI-DMBS-01	Sterling Safety Systems Ltd	928
928	UB100S	HFI-UBS-01	Sterling Safety Systems Ltd	928
928	VDBS100	HFI-DDB-01	Sterling Safety Systems Ltd	928
928	DBS100	HFI-DUB-01	Sterling Safety Systems Ltd	928
928	VDBS100S	HFI-DDBS-01	Sterling Safety Systems Ltd	928
928	DBS100S	HFI-DUBS-01	Sterling Safety Systems Ltd	928
928	LAB1000	HFI-DMBS-05	Sterling Safety Systems Ltd	928
928	VB100	20-VB100-ADV	Advanced Electronics Limited	928
928	UB100	20-AB100-ADV	Advanced Electronics Limited	928
928	DBS100	20-ABS100-ADV	Advanced Electronics Limited	928
928	DBSR100	20-ABSR100-ADV	Advanced Electronics Limited	928
928	UBDR100	20-ABDR100-ADV	Advanced Electronics Limited	928
928	DBSRD100	20-ABSRD100-ADV	Advanced Electronics Limited	928
928	VB100	VB100	Fireguard Safety Equipment Company Limited	928
928	UB100	UB100	Fireguard Safety Equipment Company Limited	928
928	VB100S	VB100S	Fireguard Safety Equipment Company Limited	928
928	UB100S	UB100S	Fireguard Safety Equipment Company Limited	928
928	VDBS100	VDBS100	Fireguard Safety Equipment Company Limited	928
928	DBS100	DBS100	Fireguard Safety Equipment Company Limited	928

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928	VDBS100S	VDBS100S	Fireguard Safety Equipment Company Limited	928
928	DBS100S	DBS100S	Fireguard Safety Equipment Company Limited	928
928	VB100	VB100	Fireonica Co. Ltd	928
928	UB100	UB100	Fireonica Co. Ltd	928
928	VB100S	VB100S	Fireonica Co. Ltd	928
928	UB100S	UB100S	Fireonica Co. Ltd	928
928	VDBS100	VDBS100	Fireonica Co. Ltd	928
928	DBS100	DBS100	Fireonica Co. Ltd	928
928	VDBS100S	VDBS100S	Fireonica Co. Ltd	928
928	DBS100S	DBS100S	Fireonica Co. Ltd	928
928	UBR100	20-ABR100-ADV	Advanced Electronics Limited	928
928	UB100	100-3500V	Eurotech Fire Systems Ltd	1213
928	UBR100	100-3511V	Eurotech Fire Systems Ltd	1213
928	UBDR100	100-3510V	Eurotech Fire Systems Ltd	1213

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