

BRE Global Limited & LPCB

Bucknalls Lane, Garston, Watford, Hertfordshire, United Kingdom WD25 9XX

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EC-CERTIFICATE OF CONFORMITY

0832 - CPD - 1067

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the construction product

V200 Analogue addressable Class P heat and photoelectric smoke multisensor detector with short circuit isolator for use in fire detection and alarm systems

(For conditions of use for the product see the attached appendix)

placed on the market by

Argus Security S.r.l.

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

and produced in the factory

Argus Security S.r.l.

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

is submitted by the manufacturer to a factory production control and to the further testing of samples taken at the factory in accordance with a prescribed test plan. The initial type-testing for the relevant characteristics of the product, the initial inspection and continuous surveillance of the factory and factory production control has been performed under the control of the approved body BRE Global Limited.

This certificate attests that all provisions concerning the attestation of conformity (Level 1) and the performances described in Annex ZA of the standard(s)

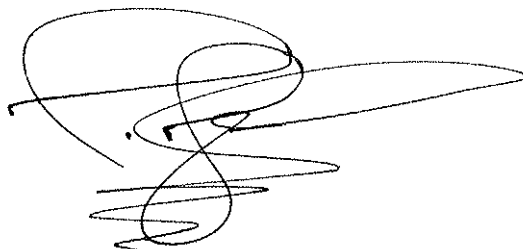
EN 54 - 5: 2000 + A1: 2002 - Heat detectors - Point detectors

EN 54 - 7: 2000 + A1: 2002 + A2: 2006 - Smoke detectors - Point detectors using scattered light, transmitted light or ionization

EN 54 - 17: 2005 - Short circuit isolators

were applied and that the product fulfils all the prescribed requirements.

This certificate was first issued on 16/07/2009 and remains valid as long as the product continues to be manufactured and the conditions laid down in the harmonised technical specification referenced or the manufacturing conditions in the factory or the FPC itself are not modified significantly and the required annual FPC assessments are maintained.



Martin McCullagh
Certification Manager
For and on behalf of BRE Global Limited

Date of Issue: 21/7/2011

Issue Number: 2

Page: 1 of 2

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Appendix to EC Certificate of conformity 0832 - CPD - 1067

The details and conditions of use for the V200 Analogue addressable Class P heat and photoelectric smoke multisensor detector with short circuit isolator, placed on the market by Argus Security S.r.l. Via del Canneto,14 - Valle delle Noghere - 34015 Muggia - Trieste - Italy are:

To be used in accordance with the suppliers installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

Bases:

VB100 - Mounting Base (with link resistor)

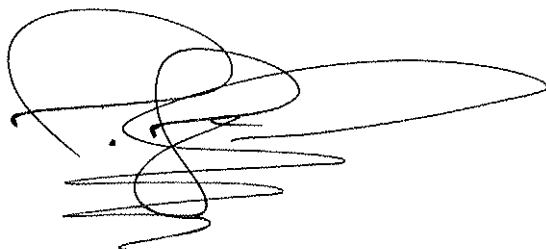
UB100 - Mounting Base

Sensitivities:

- i) Multi Criteria Level 1 (most sensitive) – Thermally enhanced smoke detection with Class A1 heat response
- ii) Multi Criteria Level 2 – Thermally enhanced smoke detection with Class A1 heat response
- iii) Multi Criteria Level 3 – Thermally enhanced smoke detection with Class A1 heat response
- iv) Multi Criteria Level 4 (least sensitive) – Thermally enhanced smoke detection with Class A1 heat response
- v) Class A1R heat only response
- vi) Optical only level 1 - High
- vii) Optical only level 2
- viii) Optical only level 3
- ix) Optical only level 4 – Low

Heat Classifications:

Class A1 & A1R (See sensitivity settings)



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Page: 2 of 2

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EC DECLARATION OF CONFORMITY

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

Product (family): **VEGA** Intelligent Devices

Product Code: V100 V200 V350 LV100 LV200 LV350 VCP100 VLS100 VLS100H

Use: fire detection and alarm system

Have been third party tested and certified by: BRE / LPCB - Notified Body Number: 0832

We hereby declare that the products identified above met the requirements of the following Standards:

- **EN 50130-4** EMC Directive
- **89/106/CEE** Construction Products Directive
- **2006/95/EC** Low Voltage Directive
- **EN54-3:2001 + A1:2002 + A2:2006** – Fire Detection and fire alarm system. Fire alarm devices sounders
- **EN54-5: 2000 + A1:2002** - Heat Detectors Point Detectors
- **EN54-7:2000 + A1:2002 + A2:2006** - Smoke Detectors Point Detectors using scattered light transmitter light or ionization
- **EN54-11:2001 + A1:2005** - Fire Detection and fire alarm system – Manual Call Points
- **EN54-17:2005** – Short Circuit Isolator

For and on behalf of
Argus Security srl:

Vincenzo Nesta
Managing Director

Trieste, 01 March 2012

CPR - DECLARATION of PERFORMANCE

N° VE0110CPR20130701 (Conformity EU 305/2011)

1. Unique identification code of the product type:

**V100
V200
V350**

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:

**V100 Analogue Addressable Photoelectric Smoke Detector with Short Circuit Isolator
V200 Addressable Multi-criteria Detector with Short Circuit Isolator
V350 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:

**V200 – V350: EN 54-5:2000+A1:2002
V100 – V200: EN 54-7:2000+ A1:2002+A2:2006
V100 – V200 – V350: EN 54-17:2005
V200: 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

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, 01 July 2013

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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Issue: 11

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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|--------------|-----------|-----------------|--|--------------------------------|
| 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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|--------------|-----------|-----------------|------------------------------|--------------------------------|
| 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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