

# **BRE Global Limited**

*Bucknalls Lane, Garston, Watford, Hertfordshire, United Kingdom WD25 9XX*  
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## **EC-CERTIFICATE OF CONFORMITY**

### **0832 - CPD - 1690**

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

### **SGWE100 Wireless Expander module 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 - 18: 2005 - Input/output devices**  
**EN 54 - 25: 2008 - Components using radio links**

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

This certificate was first issued on 27/07/2012 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: 27/07/2012

Issue Number: 1

Page: 1 of 2

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# **BRE Global Limited**

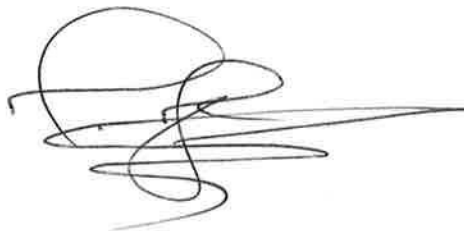
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## **Appendix to EC Certificate of conformity 0832 - CPD - 1690**

The details and conditions of use for the SGWE100 Wireless Expander module, placed on the market by Argus Security S.r.l. Via del Canneto, 14 - Valle delle Noghère - 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*):



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

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Page: 2 of 2

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## DECLARATION OF CONFORMITY

Ref. DoC: SG20160131B10

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

Product (family): **SAGITTARIUS wireless interfaces**

Product Code: **VW2W100 Translator**  
**SGCWE100 Conventional Expander**  
**SGWE100 Expander**

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:

- **R&TTE Directive 1999/5/EC**
- **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° SG1410CPR (Conformity EU 305/2011)**

1. Unique identification code of the product type:

**SGWE100**

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:

**SGWE100 - Wireless Expander Module**

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](http://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:

**EN 54-18: 2005**  
**EN 54-25: 2008**

**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**

**928r/02 0832-CPD-1690**

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	CLOSE APPLICABLE	PERFORMANCE	HARMONISED STANDARD
Response delay (response time)	5.2	PASS	EN 54-18:2005
Performance under fire conditions	5.1.4		
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	

ESSENTIAL CHARACTERISTICS	CLOSE APPLICABLE	PERFORMANCE	HARMONISED STANDARD
Performance parameters under fire conditions	4.1, 4.2.2, 5.2, 8.3.7	PASS	EN 54-25:2008
Response delay (response time to fire)	8.2.3, 8.2.6	PASS	
Operational reliability	4.2.1, 4.2.3 to 4.2.7, 5.3, 5.4, 6, 7, 8.2.2, 8.2.4, 8.2.5, 8.2.7, 8.2.8, 8.2.9, 8.3.1, 8.3.2, 8.3.3, 8.3.4, 8.3.5, 8.3.6	PASS	
Durability of operational reliability, temperature resistance	8.3.9, 8.3.10, 8.3.11	PASS	
Durability of operational reliability, vibration resistance	8.3.16, 8.3.17 to 8.3.19	PASS	
Durability of operational reliability, humidity resistance	8.3.13, 8.3.14	PASS	
Durability of operational reliability, corrosion resistance	8.3.15	PASS	
Durability of operational reliability, electrical stability	8.3.20	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, 04 April 2014

**ARGUS SECURITY**  
**S.r.l.**  
**Vincenzo Nesta**  
Managing Director

A handwritten signature in black ink is written over the printed name and title of Vincenzo Nesta.

## Certificate of Product Approval

Certificate Number: 928r

Issue: 09

### Argus Security S.r.l.

Via del Canneto  
14, 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

##### Line Units

SGCWE100  
SGWE100  
SGMCB200  
SGMI200  
VW2W128

(refer to Appendix for details)

#### Standards

EN 54-18:2005  
EN 54-25:2008

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

Martin McCullagh  
Verifier

11 August 2015  
Date of Issue

26 July 2012  
Date of First Issue



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

Issue: 09

Certified Product	Description	LPCB Ref.No.
SGCWE100	Wireless Conventional System Expander Module	928r/01
SGWE100	Wireless Expander Module	928r/02
SGMCB200	Wireless Battery Powered Output Module 1. The device must be used with the following batteries only: - CR123A (3Vdc) – Main Battery - CR123A (3Vdc) – Secondary Battery	928r/03
SGMI200	Wireless Battery Powered Input Module 1. The device must be used with the following batteries only: - CR123A (3Vdc) – Main Battery - CR2032A (3Vdc) – Secondary Battery	928r/04
VW2W128	Wire to Wireless Dynamic Translator Module	928r/05

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Signed for LPCB

Martin McCullagh

Verifier

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

Issue: 09

### Alternative Model No./Label

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
928r/01	SGCWE100	20-SGCWE100-ADV	Advanced Electronics Ltd	928r-(cl-1)
928r/01	SGCWE100	AVW191AL	Advantronic Systems S.L.	928r-(cl-2)
928r/01	SGCWE100	SGCWE100	Argus Spectrum Co.	928r-(cl-3)
928r/01	SGCWE100	VELOX WLCEM100	ATEIS Middle East FZCO	928r-(cl-4)
928r/01	SGCWE100	HFW-CEM-02	Sterling Safety Systems Ltd	928r-(cl-5)
928r/01	SGCWE100	RSM-CIM	Hochiki Europe (UK) Ltd	928r-(cl-6)
928r/01	SGCWE100	FSRCIM2	Firesafe	928r-(cl-7)
928r/01	SGCWE100	EUW-CEM-02	Eurotech Fire Systems Ltd	1213v
928r/02	SGWE100	20-SGWE100-ADV	Advanced Electronics Ltd	928r-(cl-1)
928r/02	SGWE100	AVW192AL	Advantronic Systems S.L.	928r-(cl-2)
928r/02	SGWE100	SGWE100	Argus Spectrum Co.	928r-(cl-3)
928r/02	SGWE100	VELOX WLEM100	ATEIS Middle East FZCO	928r-(cl-4)
928r/02	SGWE100	HFW-EM-01	Sterling Safety Systems Ltd	928r-(cl-5)
928r/02	SGWE100	RSM-EXP	Hochiki Europe (UK) Ltd	928r-(cl-6)
928r/02	SGWE100	FSREM2	Firesafe	928r-(cl-7)
928r/02	SGWE100	EUW-EM-01	Eurotech Fire Systems Ltd	1213v
928r/03	SGMCB200	EUW-BOM-01	Eurotech Fire Systems Ltd	1213v
928r/03	SGMCB200	FSRPOM2	Firesafe	928r-(cl-7)
928r/04	SGMI200	EUW-IM-01	Eurotech Fire Systems Ltd	1213v
928r/04	SGMI200	FSRIM2	Firesafe	928r-(cl-7)
928r/03	SGMCB200	HFW-BOM-03	Sterling Safety Systems Ltd	928r-(cl-5)

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

Martin McCullagh

Verifier

11 August 2015

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

Issue: 09

LPCB Ref No.	Model No.	Alternative Model No./Label	Cross-listed company	Cross-Listed Co Cert./ Ref No.
928r/03	SGMCB200	RSM-POM	Hochiki Europe (UK) Ltd	928r-(cl-6)
928r/03	SGMCB200	20-SGMCB200-ADV	Advanced Electronics Ltd	928r-(cl-1)
928r/04	SGMI200	HFW-IM-03	Sterling Safety Systems Ltd	928r-(cl-5)
928r/04	SGMI200	RSM-IP	Hochiki Europe (UK) Ltd	928r-(cl-6)
928r/04	SGMI200	20-SGMI200-ADV	Advanced Electronics Ltd	928r-(cl-1)
928r/05	VW2W128	HFW-W2W-E-01	Sterling Safety Systems Ltd	928r-(cl-5)

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