

## Certificate of constancy of performance,

**0832-CPR-F0095**

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

### **VSO-32E Conventional Indoor Type A Sounder Base**

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

Produced by or for

#### **Cranford Controls Ltd**

**Unit 2, Waterbrook Estate  
Waterbrook Road  
Alton, Hampshire  
GU34 2UD  
United Kingdom**

and produced in the manufacturing plant(s)

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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 54-3:2001 + A1:2002 + A2:2006 - Sounders**

under system 1 are applied and that

***the product fulfils all the prescribed requirements set out above.***

This certificate was first issued on 17 February 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.



M McCullagh, Certification Manager  
On behalf of BRE Global Limited  
Date of issue: 17 February 2014  
Issue number: 01

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To check the validity of this certificate, please contact us on +44 (0)1923 664100 or email [enquiries@breglobal.com](mailto:enquiries@breglobal.com).

## Appendix to Certificate of constancy of performance 0832-CPR- F0095

### Ancillaries:

116-099 – Cover Plate (white)

116-119 – Cover Plate (ivory)

### Sounder Tones:

1\* - LF Sweep (Cranford sweep) (800-1000Hz @ 0.5s)

3\* - Warble Tone BS (800-1000Hz @ 0.5s)

11\* - 1<sup>st</sup> Stage, Dutch Sweep Tone (970Hz Cont)

11\* - 2<sup>nd</sup> Stage, Dutch Sweep Tone (500-1200Hz for 3.5s on, 0.5s off)

25\* - German DIN Tone (1200-500Hz @ 1Hz)

27\* - French Tone AFNOR (554Hz for 100ms and 440Hz for 400ms)

\* Number refers to the tone numbering used in the product datasheet DS075F

### Variants:

VSO-32E-A (Alternative white)

VSO-32E-I (Ivory)

VSO-32E-O (Off-white)



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