

# **BRE Certification Limited and LPCB**

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

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## **EC-CERTIFICATE OF CONFORMITY**

### **0832 - CPD - 0065**

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

### **ECO1002 Conventional Class A1R photo/thermal smoke detector for use in fire detection and alarm systems**

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

placed on the market by

#### **System Sensor Europe**

**15-19 Trescott Road, Smallwood, Redditch, Worcestershire B98 7AH**

and produced in the factory

#### **Pittway Tecnologica SpA**

**Via Caboto 19/3, 34147 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 Certification 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 - Fire detection and fire alarm systems - Heat detectors - Point detectors and**

**EN 54 - 7: 2000 + A1: 2002 - Fire detection and fire alarm systems - Smoke detectors - Point detectors using scattered light, transmitted light or ionization**

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

This certificate was first issued on 27/4/2005 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.



Richard Phillips  
For and on behalf of BRE Certification Limited

Date of Issue: 20/4/2006  
Issue Number: 2  
Page: 1 of 2

This certificate remains the property of BRE Certification Ltd and is issued subject to terms and conditions and is maintained and held in force through regular Factory Production Control audits.  
To check the authenticity of this certificate, please visit our website or contact us.

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## **Appendix to EC Certificate of conformity 0832 - CPD - 0065**

The details and conditions of use for the ECO1002 Conventional Class A1R photo/thermal smoke detector, placed on the market by System Sensor Europe 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:**

ECO1000B Standard detector base  
ECO1000BR Standard detector base with 470R resistor  
ECO1000BR680 Standard detector base with 680R resistor  
ECO1000BR1000 Standard detector base with 1000R resistor  
ECO1000BSD Standard base with schottky diode  
ECO1000BRSD Standard base with schottky diode and 470R resistor  
ECO1000BR680SD Standard base with schottky diode and 680R resistor  
ECO1000BR1000SD Standard base with schottky diode and 1000R resistor  
ECO1000DB Deep base  
ECO1000DBR Deep base with 470R resistor  
ECO1000DBRSD Deep base with 470R resistor and schottky diode

### **Sensitivity Settings:**

Default sensitivity only

### **Heat Classifications:**

Class A1R



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