

DECLARATION OF PERFORMANCE

**According to Construction Products Regulation EU N° 305/2011
N° 032 - CPR - 2013**

1. *Unique Product identification code:*

**S4-34740 (EN54-12&17)
Sentri- Beam (EN54-12 & 17)**

2. *Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*

**Analogue Addressable optical beam smoke detector S4-34741 Transmitter and S4-34742 Receiver
Analogue Addressable Optical Beam Some Detector Sentri-Beam – Tx Transmitter and Sentri-Beam-Rx Receiver.**

3. *Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:*

Fire detection and fire alarm systems installed in and around buildings

4. *Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):*

Gent by Honeywell (Novar Systems Limited)

**Manufactured by:
Honeywell Life Safety Systems
140 Waterside Road
Hamilton Industrial Park
Leicester
LE5 1TN
United Kingdom**

5. *Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2):*

Not applicable

6. *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*

System 1

7. *In case of the declaration of performance concerning a construction product covered by the harmonized standard:*

Loss Prevention Certification Board (BRE Global Limited)

Performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issue the EC certificate of conformity.

**0831-CPR-F0126 (S4-34740)
0831-CPR-F0127 (Sentri- Beam)**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable, see item 7

9. Declared Performance:

All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been determined as described in the hEN mentioned in the table below

Essential characteristics	Performance	Harmonised technical specification	
		EN54-12:2002	EN54-17:2005/ AC:2007
Performance under fire conditions	Pass		5.2
Operational reliability	Pass		4
Durability of operational reliability: temperature resistance	Pass		5.4, 5.5
Durability of operational reliability; vibration resistance	Pass		5.9 to 5.12
Durability of operational reliability; humidity resistance	Pass		5.6, 5.7
Durability of operational reliability; corrosion resistance	Pass		5.8
Durability of operational reliability; electrical stability	Pass		5.3, 5.13
Nominal activation conditions/ sensitivity	Pass	4.5, 4.8, 4.10, 5.2, 5.4, 5.7, 5.8, 5.9, 5.10	
Response delay (response time)	Pass	5.3, 5.6	
Operational reliability	Pass	4.3, 4.4, 4.6, 4.7, 5.16, 5.18, 4.9	
Tolerance to supply voltage	Pass	5.5	
Performance parameters under fire conditions	Pass	4.2	
Durability of operational reliability: temperature resistance	Pass	5.11, 5.12	
Durability of operational reliability; vibration resistance	Pass	5.15	
Durability of operational reliability; humidity resistance	Pass	5.13, 5.14	
Durability of operational reliability; corrosion resistance	Pass	5.17	
Tolerance to supply voltage	Pass	5.5	

10 The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4

Signed for and on behalf of the manufacturer by:

Name and Function: Kishore Chauhan

Sr Advanced Quality Engineer

Signature: 

Date: 27th March 2020.