

DECLARATION OF PERFORMANCE

**According to Construction Products Regulation EU N° 305/2011
N° 024 - CPR - 2016**

1. *Unique Product identification code:*

Nano-24 (EN54-2 & 4)

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

One Loop analogue addressable control and indicating equipment

Nano-24

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 Security and Fire
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:*

BRE Global Limited (Loss Prevention Certification Board)

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.

2831-CPR-F4210 (Nano-24)

8. No European Technical Assessment has been issued for this product. 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 3. above have been determined as described in the hEN mentioned in the following table.


Essential characteristics	Performance	Harmonized Technical Specification	
		EN 54-2: 1997 + A1: 2006	EN 54-4: 1997 + A2: 2006
Operational reliability (standard)	Pass	4, 5, 6, 7.1-7.7, 8.1-8.2, 8.5-8.8, 9.1-9.4, 12, 13 & 14	4, 5, 6, 7, 8
Operational reliability (when provided)			
Fire alarm device(s)	Pass	7.8	
Fire alarm routing equipment (FAR)	Not Provided	7.9.1	
Confirmation signal from FAR	Not Provided	7.9.2	
<i>Automatic fire protection equipment (FPE)</i>			
Type A	Not Provided	7.10.1	
Type B	Not Provided	7.10.2	
Type C	Not Provided	7.10.3	
Fault monitoring of FPE	Not Provided	7.10.4	
<i>Delays to outputs</i>			
Delays to outputs type C, E, & G	Pass	7.11.1	
Delays switched off	Pass	7.11.2	
<i>Dependency on more than one alarm signal</i>			
Dependency Type A	Not Provided	7.12.1	
Dependency Type B	Not Provided	7.12.2	
Dependency Type C	Not Provided	7.12.3	
Alarm counter	Not Provided	7.13	
Fault signals from points	Pass	8.3	
Total loss of power supply	Not Provided	8.4	
Fault warning routing equipment	Not Provided	8.9	
Disablement of each address point	Not Provided	9.5	
Test Conditions	Pass	10	
Standardized I/O interface	Not Provided	11	
Performance under fire conditions	Pass	4, 5, 7	
Response delay (response time to fire)	Pass	7.1, 7.7	
Performance of power supply	Pass		4, 5, 6
Durability of operational reliability			
Temperature resistance	Pass	15.4	9.5
Vibration resistance	Pass	15.6, 15.7, 15.15	9.7, 9.8, 9.15
Electrical stability	Pass	15.8 to 15.13	9.9 to 9.13
Humidity resistance	Pass	15.5, 15.14	9.6, 9.14

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

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

Signed for and on behalf of the manufacture by:

Name and Function: Kishore Chauhan **Sr Advanced Quality Engineer**

Signature 

Date 27th March 2020

Issue 2