

## DECLARATION OF PERFORMANCE

According to Construction Products Regulation (EU) No 305/2011

and amended by Regulation (EU) No 574/2014

Document No. 2831-CPR-F2748

1. Unique identification code of the product-type:

**Type 2840 Intrinsically safe analog photoelectrical smoke detector**

2. Intended Use:

**Fire detection and fire alarm systems installed in and around buildings**

3. Manufacturer:

**Panasonic Corporation Tsu Factory**

**1668, Fujikata, Tsu-shi, Mie-ken, 514-8555, JAPAN**

4. Authorized representative:

**Niels Erdmann**

**Panasonic Testing Centre**

**Panasonic Marketing Europe GmbH**

**Winsbergring 15, 22525 Hamburg, Germany**

5. System(s) of AVCP:

**System 1**

6a. Harmonized standard:

**EN54-7:2000+A1:2002+A2:2006**

Notified body:

**BRE Global Assurance (Ireland) Limited      Accreditation No. 2831**

**Certificate of constancy of performance: 2831-CPR-F2748**

6b. European Assessment Document: **N/A**

European Technical Assessment: **N/A**

Technical Assessment Body: **N/A**

Notified Body: **N/A**

# Panasonic


## 7. Declared performance:

Essential characteristics	Performance	Harmonized technical specification
		EN54-7:2000 + A1:2002 + A2:2006
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions	Passed	4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18
Operational reliability	Passed	4.2 to 4.7, 4.9 to 4.11
Tolerance to supply voltage	Passed	5.5
Durability of operational reliability and response delay; temperature resistance	Passed	5.8, 5.9
Durability of operational reliability; vibration resistance	Passed	5.13 to 5.16
Durability of operational reliability; humidity resistance	Passed	5.10, 5.11
Durability of operational reliability; corrosion resistance	Passed	5.12
Durability of operational reliability; electrical stability	Passed	5.17

## 8. Appropriate Technical Documentation and/or Specific Technical Documentation: N/A


The performance of the product identified is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above:

Signed for and on behalf of the manufacturer by:

(Signature):   
 (Printed name): Hisashi Taniguchi  
 (Title): Director

Place and date of issue  
 Japan, July 27, 2021

Authorized Representative in EU:

(Signature):   
 (Printed Name): Niels Erdmann  
 (Date): 04.Aug.2021

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 Panasonic Marketing Europe GmbH  
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