



DECLARATION OF PERFORMANCE

No. 0051-CPR-1874

Unique identification code of the product-type:

ID200

Base/s: **EB0010** or **EB0110** (standard base)
EB0020 or **EB0120** (relay base)

Intended use/s:

**Conventional category P heat detector
for fire detection and fire alarm systems installed in buildings**

Manufacturer:

INIM ELECTRONICS S.R.L.
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System/s of AVCP:

System 1

Harmonized standard/s:

EN 54-5:2017 + A1:2018

Notified Body/ies:

IMQ S.p.A., No. 0051

Declared performance/s:

Essential Characteristics	Performance	Harmonized technical specification	Clause §	Note
Operational reliability				
<i>Position of heat sensitive element</i>	PASS	EN 54-5:2017 + A1:2018	4.2.1	
<i>Individual alarm indication</i>	PASS		4.2.2	
<i>Connection of ancillary devices</i>	PASS		4.2.3	
<i>Monitoring of detachable detectors</i>	PASS		4.2.4	
<i>Manufacturer's adjustments</i>	PASS		4.2.5	
<i>On site adjustment of response behaviour</i>	PASS		4.2.6	Category P: A1R, B
<i>Software controlled detector</i>	PASS		4.2.7	
Nominal activation conditions/Sensitivity				
<i>Directional dependence</i>	PASS	EN 54-5:2017 + A1:2018	4.3.1	
<i>Static response temperature</i>	PASS		4.3.2	
<i>Response times from typical application temperature</i>	PASS		4.3.3	
<i>Response times from 25°C</i>	PASS		4.3.4	
<i>Response times from high ambient temperature</i>	PASS		4.3.5	
<i>Reproducibility</i>	PASS		4.3.6	
Response delay (response time)				
<i>Additional test for suffix S point heat detectors</i>	NPD	EN 54-5:2017 + A1:2018	4.4.1	
<i>Additional test for suffix R point heat detectors</i>	PASS		4.4.2	
Tolerance to supply voltage				
<i>Variation in supply parameters</i>	PASS	EN 54-5:2017 + A1:2018	4.5.1	
Durability of Nominal activation conditions/Sensitivity				
Temperature resistance				
<i>Cold (operational)</i>	PASS	EN 54-5:2017 + A1:2018	4.6.1.1	
<i>Dry heat (endurance)</i>	PASS		4.6.1.2	
Humidity resistance				
<i>Damp heat, cyclic (operational)</i>	PASS	EN 54-5:2017 + A1:2018	4.6.2.1	



<i>Damp heat, steady-state (endurance)</i>	PASS		4.6.2.2	
<i>Corrosion resistance</i>				
<i>Sulfur dioxide (SO₂) corrosion (endurance)</i>	PASS	EN 54-5:2017 + A1:2018	4.6.3	
<i>Vibration resistance</i>				
<i>Shock (operational)</i>	PASS	EN 54-5:2017 + A1:2018	4.6.4.1	
<i>Impact (operational)</i>	PASS		4.6.4.2	
<i>Vibration sinusoidal (operational)</i>	PASS		4.6.4.3	
<i>Vibration sinusoidal (endurance)</i>	PASS		4.6.4.4	
<i>Electrical stability</i>				
<i>Electromagnetic Compatibility (EMC), Immunity tests (operational)</i>	PASS	EN 54-5:2017 + A1:2018	4.6.5	

The performance of the product identified above 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:

Baldovino Ruggieri
(Managing Director)

At Montepredone, on 24/02/2023



Evolving Security