



DECLARATION OF PERFORMANCE
According to Construction Products Regulation EU No. 305/2011
No. 05/06.01.2021

1. Unique identification code of the product-type:

FD8020R

Batch number: see packaging of the product

2. Intended use/es:

Fire detection and fire alarm systems installed in buildings
Conventional Rate of rise Heat Detector

3. Manufacturer:

UniPOS Ltd.,
47 San Stefano Street, 5800, Pleven, Bulgaria

4. Authorised representative:

Not relevant

5. System/s of AVCP:

System 1

6. a) Harmonized standard:

EN54-5:2017 + A1: 2018 - Fire detection and fire alarm systems – Heat detectors – Point detectors

DBI Certification body No. 2531 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 issued the EC certificates of conformity:

2531-CPR-CSP11238

7. Declared performance

Essential characteristics	Performance	Harmonized Technical Specification
Operational reliability		
5.2.1 Position of heat sensitive elements	Pass	EN54-5: 2017 + A1 :2018
5.2.2 Individual alarm indication	Pass	EN54-5: 2017 + A1 :2018
5.2.3 Connection of ancillary devices	Pass	EN54-5: 2017 + A1 :2018
5.2.4 Monitoring of detachable detectors	Pass	EN54-5: 2017 + A1 :2018
5.2.5 Manufacturer's adjustments	Pass	EN54-5: 2017 + A1 :2018
5.2.6 On-site adjustment of response behaviour	Pass	EN54-5: 2017 + A1 :2018
5.2.7 Software controlled detector (when provided)	Pass	EN54-5: 2017 + A1 :2018
Nominal activation conditions/sensitivity		
5.3.1 Directional dependence	Pass	EN54-5: 2017 + A1 :2018
5.3.2 Static response temperature	Pass	EN54-5: 2017 + A1 :2018
5.3.3 Response times from typical application temperature	Pass	EN54-5: 2017 + A1 :2018
5.3.5 Response times from high ambient temperature	Pass	EN54-5: 2017 + A1 :2018
5.3.6 Reproducibility	Pass	EN54-5: 2017 + A1 :2018
Response delay (response time)		
5.4.2 Additional test for suffix R detectors (for FD 8020R only)	Pass	EN54-5: 2017 + A1 :2018
Tolerance to supply voltage		
5.5.1 Variation in supply parameters	Pass	EN54-5: 2017 + A1 :2018
Durability of Nominal activation conditions/sensitivity		
5.6.1.1 Cold (operational)	Pass	EN54-5: 2017 + A1 :2018
5.6.2.1 Damp heat, cyclic (operational)	Pass	EN54-5: 2017 + A1 :2018
5.6.2.2 Damp heat, steady state (endurance)	Pass	EN54-5: 2017 + A1 :2018
5.6.3.1 Sulphur dioxide (SO ₂) corrosion (endurance)	Pass	EN54-5: 2017 + A1 :2018
5.6.4.1 Shock (operational)	Pass	EN54-5: 2017 + A1 :2018
5.6.4.2 Impact (operational)	Pass	EN54-5: 2017 + A1 :2018
5.6.4.3 Vibration sinusoidal (operational)	Pass	EN54-5: 2017 + A1 :2018
5.6.4.4 Vibration sinusoidal (endurance)	Pass	EN54-5: 2017 + A1 :2018
5.6.5.1 EMC Immunity (operational)	Pass	EN54-5: 2017 + A1 :2018

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:

Hristo Dimitrov, Chief Executive
(name)

Pleven, 06.01.2021
(place and date of issue)



Signature _____
Chief Executive