



**DECLARATION OF PERFORMANCE**  
**According to Construction Products Regulation EU No. 305/2011**  
**No. 107/21.04.2021**

1. Unique identification code of the product-type:

**FD8020S**

**Batch number: see packaging of the product**

2. Intended use/es:

**Fire detection and fire alarm systems installed in buildings**  
**Conventional Static temperature 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**

**UL International (NL) B.V. notified body 2821 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:**

**2821-CPR-0111**

7. Declared performance

Essential characteristics	Performance	Harmonized Technical Specification
Heat Response Categories	Pass	EN54-5: 2017 + A1 :2018
Position of heat sensitive elements	Pass	EN54-5: 2017 + A1 :2018
Individual alarm indication	Pass	EN54-5: 2017 + A1 :2018
Connection of ancillary devices	Pass	EN54-5: 2017 + A1 :2018
Monitoring of detachable detectors	Pass	EN54-5: 2017 + A1 :2018
Manufacturer's adjustments	Pass	EN54-5: 2017 + A1 :2018
On-site adjustment of response behaviour	Pass	EN54-5: 2017 + A1 :2018
Software controlled detector (when provided)	Pass	EN54-5: 2017 + A1 :2018
General	Pass	EN54-5: 2017 + A1 :2018
Directional dependence	Pass	EN54-5: 2017 + A1 :2018
Static response temperature	Pass	EN54-5: 2017 + A1 :2018
Response times from typical application temperature	Pass	EN54-5: 2017 + A1 :2018
Response times from high ambient temperature	Pass	EN54-5: 2017 + A1 :2018
Reproducibility	Pass	EN54-5: 2017 + A1 :2018
Additional test for suffix S detectors	Pass	EN54-5: 2017 + A1 :2018
Variation in supply parameters	Pass	EN54-5: 2017 + A1 :2018
Cold (operational)	Pass	EN54-5: 2017 + A1 :2018
Damp heat, cyclic (operational)	Pass	EN54-5: 2017 + A1 :2018
Damp heat, steady state (endurance)	Pass	EN54-5: 2017 + A1 :2018
Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance)	Pass	EN54-5: 2017 + A1 :2018
Shock (operational)	Pass	EN54-5: 2017 + A1 :2018
Impact (operational)	Pass	EN54-5: 2017 + A1 :2018
Vibration sinusoidal (operational)	Pass	EN54-5: 2017 + A1 :2018
Vibration sinusoidal (endurance)	Pass	EN54-5: 2017 + A1 :2018
EMC Immunity (operational)	Pass	EN54-5: 2017 + A1 :2018
Marking, labeling and packaging	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, 21.04.2021  
(place and date of issue)



Signature \_\_\_\_\_  
Chief Executive