



**DECLARATION OF PERFORMANCE**  
**According to Construction Products Regulation EU No 305/2011**  
**No 206 / 10.11.2020**

1. Unique identification code of the product-type:

**FD7160M**

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

2. Intended use/es:

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

**Interactive addressable combined heat & optical smoke detector with built-in line isolator**

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:

**EN54-7:2018 - Fire detection and fire alarm systems – Smoke detectors – Point detectors using scattered light, transmitted light or ionization**

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

**БДC EN 54-17: 2005 / AC: 2007 - Fire detection and fire alarm systems - Short-circuit isolators**

**Dedal notified body 1922 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:**

**1922-CPR-1736**

7. Declared performance

Essential characteristics	Performance	Harmonized Technical Specification
		EN54-17: 2005 / AC: 2007
Performance under fire condition, Reproducibility	Pass	5.2
Operational reliability, requirements	Pass	4
Durability of operational reliability, Temperature resistance	Pass	5.4, 5.5
Durability of operational reliability, Vibration resistance	Pass	5.9 to 5.12
Durability of operational reliability, Humidity resistance	Pass	5.6, 5.7
Durability of operational reliability, Corrosion resistance	Pass	5.8
Durability of operational reliability, electrical stability - Variation of supply parameters and EMC	Pass	5.3, 5.13

Essential characteristics	Performance	Harmonized Technical Specification
		EN54-7: 2018
Operational reliability, nominal activation conditions/Sensitivity, Response delay (response time)	Pass	4.2.1 to 4.2.8, 4.3.1 to 4.3.3, 4.4.1, 4.4.2
Variation in supply parameters	Pass	4.5
Fire sensitivity	Pass	4.6
Durability of nominal activation/ sensitivity, temperature resistance	Pass	4.7.1.1, 4.7.1.2
Durability of nominal activation/ sensitivity, Humidity resistance	Pass	4.7.2.1, 4.7.2.2
Durability of nominal activation/ sensitivity, Corrosion resistance, Sulphur dioxide (CO <sub>2</sub> )	Pass	4.7.3
Durability of nominal activation/ sensitivity, Vibration resistance	Pass	4.7.4.1 to 4.7.4.4
Electrical stability, EMC	Pass	4.7.5



Essential characteristics	Performance	Harmonized Technical Specification
		EN54-5: 2017+A1:2018
Operational reliability, nominal activation conditions/Sensitivity, Response delay (response time)	Pass	4.2.1 to 4.2.7, 4.3.1 to 4.3.6, 4.4.1, 4.4.2
Variation in supply parameters	Pass	4.5
Durability of nominal activation/sensitivity, temperature resistance	Pass	4.6.1.1, 4.6.1.2
Durability of nominal activation/sensitivity, damp heat	Pass	4.6.2.1, 4.6.2.2
Durability of nominal activation/sensitivity, corrosion resistance (CO <sub>2</sub> )	Pass	4.6.3
Durability of nominal activation/sensitivity, Vibration resistance	Pass	4.6.4.1 to 4.6.4.4
Durability of nominal activation/sensitivity, EMC	Pass	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:

Hristo Dimitrov, Chief Executive  
(name)

Pleven, 04.10.2022  
(place and date of issue)

Signature\_\_\_\_\_

Chief Executive