

DECLARATION OF PERFORMANCE

№ D9000A MSR - EN/2022

According to Construction Products Regulation № 305/2011 EU

1. Identification code of the product type: **D9000A MSR, D9000AI MSR**

2. Number type: **D9000A MSR, D9000AI MSR**

Description: Addressable Optical Smoke Detector

3. Intended use or uses of the construction product in accordance with the applicable harmonized specifications, as provided by the manufacturer.

Fire alarm systems installed in buildings and around them.

4. Manufacturer **"DMTech" Ltd.**
58, Kliment Ohridski Str.
5806 Pleven, Bulgaria

5. Commercial Company **"DMTech" Ltd.**
58, Kliment Ohridski Str.
5806 Pleven, Bulgaria

6. Evaluation System **System 1**

7. Certifying Authority **"DEDAL – A&C" Ltd.**
50, Mladost, 8230 Nessebar, Bulgaria
Tel: +359 209715012

Certifying Authority №: **NB 1922**

EU Certificate: **1922 - CPR – 1808 of 22/06/2022,**

8. European Technical Assessment **None issued**

9. Declared performance:

EN 54-7:2000, EN 54-7:2000/A1:2002, EN 54-7:2000/A2:2006 Fire alarm systems. Part 7: Smoke detectors– Point detectors		
Standard's point	Description	Performance
4.8	Response to slowly developing fires	Pass.
5.2	Repeatability	Pass
5.3	Directional dependence	Pass
5.4	Reproducibility	Pass
5.6	Air movement	Pass
5.7	Dazzling	Pass
4.2	Individual alarm indication	Pass
4.3	Connection of ancillary devices	Pass
4.4	Monitoring of detachable detectors	Pass
4.5	Manufacturer's adjustments	Pass
4.7	Protection against the ingress of foreign bodies	Pass
4.9	Marking	Pass
4.10	Data	Pass
5.5	Tolerance to supply voltage	Pass
5.8	Cold (operational)	Pass
5.9	Dry heat (endurance)	Pass
5.14	Impact (operational)	Pass
5.15	Vibration, sinusoidal (operational)	Pass
5.16	Vibration, sinusoidal (endurance)	Pass
5.10	Damp heat, cyclic (operational)	Pass
5.11	Damp heat, steady state (endurance)	Pass
5.17	Durability of operational reliability, electrical stability	Pass
EN 54-5:2000, EN 54-5:2000/A1:2002 Fire alarm systems. Part 5: Heat detectors – Point detectors		
EN 54-17:2005, EN 54-17:2005/AC:2005/AC:2007, Fire alarm systems.		
Standard's point	Description	Performance
4.2	Classification	Pass, A1R
4.3	Position of heat sensitive element	Pass
5.2	Directional dependence	Pass
5.3	Static response temperature	Pass
5.4	Response times from typical temperature	Pass
5.6	Response times from high temperature	Pass
5.8	Reproducibility	Pass
6.2	Additional test for suffix R detectors	Pass
4.4	Individual alarm indication	Pass
4.5	Connection of ancillary devices	Pass
4.6	Monitoring of detachable detectors	Pass
4.7	Manufacturer's adjustments	Pass
4.9	Marking	Pass
4.10	Data	Pass
5.7	Tolerance to supply voltage	Pass
5.9	Cold (operational)	Pass
5.15	Impact (operational)	Pass
5.16	Vibration, sinusoidal (operational)	Pass

5.17	Vibration, sinusoidal (endurance)	Pass
5.11	Damp heat, cyclic (operational)	Pass
5.12	Damp heat, steady state (endurance)	Pass
5.18	Durability of operational reliability, electrical stability	Pass

10. The presentation of the products, referred to in (1) and (2), correspond to the declared performance in (9).

11. With this declaration of Performance is declared and the product's compliance with the requirements of the following additional standards:

- EN 50130-4:2011

This declaration of performance is issued under the sole responsibility of the producer, referred to in (4).



1922

Signature:



Milen Kirov
General Manager
DMTech Ltd.
22/06/2022