

## DECLARATION OF PERFORMANCE

**№ FP9000E/2022**

*According to Construction Products Regulation № 305/2011 EU*

*1. Identification code of the product type:*

**Fire Extinguishing Panel FP9000E**

*2. Number type:*

**FP9000E**

**Description:** Fire Extinguishing Panel.

*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 №:*

**NB1922, „DEDAL – A&C” Ltd.**

*EU Certificate:*

**1922 -CPR -1803 of 22/06/2022 issued by „DEDAL – A&C ” Ltd.**

8. *European Technical Assessment*      **None issued**

9. *Declared performance:*

**EN 54-2:1997, EN 54-2:1997/A1:2006, EN 54-2:1997/AC:1999**

Essential Characteristics	Performance	Clause
<b>Performance under fire conditions</b>		
General requirements	Pass	4
General requirements for indications	Pass	5
The fire alarm condition	Pass	7
<b>Response delay (response time to fire)</b>		
Reception and processing of fire signals	Pass	7.1
Output of the fire alarm condition	Pass	7.7
Delay to outputs	Pass	7.11
Dependencies on more than one alarm signal	Pass	7.12
<b>Operational reliability</b>		
General requirements	Pass	4
General requirements for indications	Pass	5
The quiescent condition	Pass	6
The fire alarm condition	Pass	7
Fault warning condition	Pass	8
Disabled condition	Pass	9
Test condition	Pass	10
Standardized input/output interface	Pass	11
Design requirements	Pass	12
Additional design requirements for software controlled control and indicating equipment	Pass	13
Marking	Pass	14
<b>Durability of operational reliability, temperature resistance</b>		
Cold (operational)	Pass	15.4
<b>Durability of operational reliability, vibration resistance</b>		
Impact (operational)	Pass	15.6
Vibration, sinusoidal (operational)	Pass	15.7
Vibration, sinusoidal (endurance)	Pass	15.15
<b>Durability of operational reliability, electrical stability</b>		
Electromagnetic compatibility (EMC), immunity tests (operational)	Pass	15.8
Supply voltage variations	Pass	15.13
<b>Durability of operational reliability, humidity resistance</b>		
Damp heat, steady state (operational)	Pass	15.5
Damp heat, steady state (endurance)	Pass	15.14

**EN 54-4:1997, EN 54-4:1997/A1:2002, EN 54-4:1997/A2:2006, EN 54-4:1997/AC:1999**

Essential Characteristics	Performance	Clause
<b>Performance of power supply</b>		
General requirements	Pass	4
Functions	Pass	5
Materials, design and manufacture	Pass	6
<b>Operational reliability</b>		
General requirements	Pass	4
Functions	Pass	5
Materials, design and manufacture	Pass	6
Documentation	Pass	7
Marking	Pass	8
<b>Durability of operational reliability, temperature resistance</b>		
Cold (operational)	Pass	9.5
<b>Durability of operational reliability, vibration resistance</b>		
Impact (operational)	Pass	9.7
Vibration, sinusoidal (operational)	Pass	9.8
Vibration, sinusoidal (endurance)	Pass	9.15
<b>Durability of operational reliability, electrical stability</b>		
Electromagnetic compatibility (EMC), immunity tests (operational)	Pass	9.9
<b>Durability of operational reliability, humidity resistance</b>		
Damp heat, steady state (operational)	Pass	9.6
Damp heat, steady state (endurance)	Pass	9.14

**EN 12094-1:2003**

Essential Characteristics	Performance	Clause
<b>Response Delay (response time)</b>	Pass	4.8
<b>Operational Reliability</b>		
Functional requirements	Pass	4
Design requirements	Pass	5
Additional design requirements for software controlled e.c.d.s	Pass	6
<b>Performance Parameters Under Fire Condition</b>		
Signal processing and indication	Pass	4.3
Reception and processing of input triggering signals	Pass	4.4
Transmission of extinguishing signal	Pass	4.5
Activation of alarm devices	Pass	4.6
<b>Durability</b>	Pass	9

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

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

- *EN 50130-4:2011*
- *EN 55022:2006/A1:2007*
- *EN 60950-1:2006/A11:2009*

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



Signature: 

*Milen Kirov*  
*General Manager*  
*DMTech Ltd.*  
*22.06.2022*