

DECLARATION OF PERFORMANCE

№ FP9000E/2019

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.

16 Nikolay Haytov Str., Pleven, Bulgaria

5. Commercial Company

"DMTech" Ltd.

16 Nikolay Haytov Str., 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 -1223 of 11/07/2019 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
Performance under fire conditions		
General requirements	Pass	4
General requirements for indications	Pass	5
The fire alarm condition	Pass	7
Response delay (response time to fire)		
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
Operational reliability		
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
Durability of operational reliability, temperature resistance		
Cold (operational)	Pass	15.4
Durability of operational reliability, vibration resistance		
Impact (operational)	Pass	15.6
Vibration, sinusoidal (operational)	Pass	15.7
Vibration, sinusoidal (endurance)	Pass	15.15
Durability of operational reliability, electrical stability		
Electromagnetic compatibility (EMC), immunity tests (operational)	Pass	15.8
Supply voltage variations	Pass	15.13
Durability of operational reliability, humidity resistance		
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
Performance of power supply		
General requirements	Pass	4
Functions	Pass	5
Materials, design and manufacture	Pass	6
Operational reliability		
General requirements	Pass	4
Functions	Pass	5
Materials, design and manufacture	Pass	6
Documentation	Pass	7
Marking	Pass	8
Durability of operational reliability, temperature resistance		
Cold (operational)	Pass	9.5
Durability of operational reliability, vibration resistance		
Impact (operational)	Pass	9.7
Vibration, sinusoidal (operational)	Pass	9.8
Vibration, sinusoidal (endurance)	Pass	9.15
Durability of operational reliability, electrical stability		
Electromagnetic compatibility (EMC), immunity tests (operational)	Pass	9.9
Durability of operational reliability, humidity resistance		
Damp heat, steady state (operational)	Pass	9.6
Damp heat, steady state (endurance)	Pass	9.14

EN 12094-1:2003


Essential Characteristics	Performance	Clause
Response Delay (response time)	Pass	4.8
Operational Reliability		
Functional requirements	Pass	4
Design requirements	Pass	5
Additional design requirements for software controlled e.c.d.s	Pass	6
Performance Parameters Under Fire Condition		
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
Durability	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
DMTeh Ltd.
12.07.2019