

DECLARATION OF PERFORMANCE

According to Construction Products Regulation EU N° 305/2011

1- Product Code / Type Code:

Fire Detection and Fire Alarm Systems. Input/Output Devices. Components Using RadioLinks. teknim TWM-1887 Wireless Addressable Input/Output Module

2- Intended Use: Fire Alarm Device – Sounder and Visual Alarm Device for Use in Fire Detection and Fire Alarm Systems Installed in Buildings. Type A

3- Manufacturer: Bilgi Elektronik San. ve Tic. A.Ş.

4- Address: Dudullu Organize Sanayi Bolgesi 1.Cadde Ismet Tarman Is Merkezi No:1 Kat:2 D: 32 34775 Umraniye - ISTANBUL / Turkey

5- Name of Authorized Representative: Saruhan ACAR

6- Systems of Assessment and Verification for Constancy of Performance: System 1

7- Harmonized Standards: EN 54-18:2005+AC:2007;
EN 54-25:2008++AC:2010+AC:2012;

8- Notified Body: Dedal Attestation & Certification NB 1922

Certificate No: 1922-CPR-1598

Nesebar:

Mladost #50, parter

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BİLGİ ELEKTRONİK SAN. VE TİC. A.Ş.

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Dudullu Org. San. Bölge. 1.Cd. İsmet Tarman İş Merkezi. No:1 Kat:2/32 Ümraniye– İSTANBUL

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9- Declared Performance

EN 54-18:2005+AC:2007

Performance Characteristics	Sections	Performance
Response Delay (Response Time)		
Performance and Variation of Supply Parameters	5.2	Pass
Performance Under Fire Conditions		
Functional Test	5.1.4	Pass
Operational Reliability		
Functional Test	5.1.4	Pass
Durability of Operational Reliability, Temperature Resistance		
Dry Heat (Operational)	5.4	Pass
Cold (Operational)	5.4	Pass
Durability of Operational Reliability, Vibration Resistance		
Shock (Operational)	5.8	Pass
Impact (Operational)	5.9	Pass
Vibration, Sinusoidal (Operational)	5.10	Pass
Vibration, Sinusoidal (Endurance)	5.11	Pass
Durability of Operational Reliability, Humidity Resistance		
Damp Heat, Cyclic (Operational)	5.5	Pass
Damp Heat, Steady State (Endurance)	5.6	Pass
Durability of Operational Reliability, Corrosion Resistance		
Sulphur Dioxide (So2) Corrosion (Endurance)	5.7	Pass
Durability of Operational Reliability, Electrical Stability		
Performance and Variation of Supply Parameters	5.2	Pass
Electromagnetic Compatibility (EMC), Immunity Tests	5.12	Pass

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Performance Characteristics	Sections	Performance
Performance Under Fire Conditions		
Radio Frequency Links	4.2	Pass
Alarm Signal Integrity	4.2.2	Pass
General	5.2	Pass
Reproducibility Test	8.3.7	Pass
Response Delay (Response Time to Fire)		
Test for Alarm Signal Integrity	8.2.3	Pass
Test for Mutual Disturbance Between Systems of The Same Manufacturer	8.2.6	Pass
Operational Reliability		
Immunity to Site Attenuation	4.2.1	Pass
Identification of The Rf Linked Component	4.2.3	Pass
Receiver Performance	4.2.4	Pass
Immunity to Interference	4.2.5	Pass
Loss of Communication	4.2.6	Pass
Antenna	4.2.7	Pass
Power Supply Equipment	5.3	Pass
Environmental Related Requirements	5.4	Pass
Documentation	6	Pass
Marking	7	Pass
Test for Immunity to Site Attenuation	8.2.2	Pass
Test for Identification of Rf Linked Components	8.2.4	Pass
Test for Identification of Rf Linked Components	8.2.5	Pass
Test of Compatibility with Other Band Users	8.2.7	Pass
Test for The Detection of A Loss of Communication An A Link	8.2.8	Pass
Test of The Antenna	8.2.9	Pass
General	8.3.1	Pass
Test Schedule for Components Tests	8.3.2	Pass
Verification of The Service Life of The Autonomous Power Source (S)	8.3.3	Pass
Test for The Low Power Condition Fault Signal	8.3.4	Pass
Test for The Polarity Reversal	8.3.5	Pass
Repeatability Test	8.3.6	Pass
Durability of Operational Reliability And Response Delay, Temperature Resistance		
Dry Heat (Operational)	8.3.9	Pass
Dry Heat (Endurance)	8.3.10	Pass
Cold (Operational)	8.3.11	Pass
Durability of Operational Reliability, Vibration Resistance		
Shock (Operational)	8.3.16	Pass
Impact (Operational)	8.3.17	Pass
Vibration, Sinusoidal (Operational)	8.3.18	Pass
Vibration, Sinusoidal (Endurance)	8.3.19	Pass

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Durability of Operational Reliability, Humidity Resistance		
Damp Heat, Cyclic (Operational)	8.3.12	Pass
Damp Heat, Steady State (Operational)	8.3.13	Pass
Damp Heat Steady State (Endurance)	8.3.14	Pass
Durability of Operational Reliability, Corrosion Resistance		
(So2) Corrosion (Endurance)	8.3.15	Pass
Durability Of Operational Reliability, Electrical Stability		
Electromagnetic Compatibility (EMC), Immunity Tests (Operational)	8.3.20	Pass

10- The performance of the product identified above is in conformity with the set of declared performance characteristics. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified above.

VICE GENERAL MANAGER: Saruhan ACAR

PLACE: UMRANIYE/ISTANBUL TURKEY

DATE: 10.08.2022

SIGNATURE:

**BİLGİ ELEKTRONİK
SANAYİ VE TİC. A.Ş.**
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