



1922-CPR-1227

## DECLARATION OF PERFORMANCE

In accordance with 305/2011/EU  
Ref: BİLGİ-CPR-202309-15

**Product Code:** teknim TFS-3191R  
teknim TFS-3191W

**Product Name:** Conventional Fire Alarm Siren (Red)  
Conventional Fire Alarm Siren (White)

**Manufacturer:** Bilgi Elektronik San. ve Tic. A.Ş.  
Dudullu Organize Sanayi Bölgesi 1.Cadde İsmet Tarman İş  
Merkezi No:1 D:32 34776 Ümraniye - İstanbul / Türkiye

**Intended Use:** Fire Detection and Fire Alarm Systems Installed in Buildings

**Systems of Assessment and Verification for Constancy of Performance:** System 1

**Harmonized Standards:** EN 54-3:2001, EN 54-3:2001/A1:2002,  
EN 54-3:2001/A2:2006,

**Notified Body:** DEDAL Attestation & Certification – NB No:1922

<i>Essential Characteristics</i>	<i>Performance</i>	<i>EN 54-3:2001 +A1:2002+A2:2006</i>
<b>Performance parameters under fire conditions</b>		
— <i>Sound level</i>	<i>Pass</i>	<i>4.2</i>
— <i>Frequencies and sound pattern</i>	<i>Pass</i>	<i>4.3</i>
— <i>Reproducibility</i>	<i>Pass</i>	<i>5.2</i>
— <i>Operational performance</i>	<i>Pass</i>	<i>5.3</i>
— <i>Attention drawing signal and message broadcast sequences</i>	<i>N/A</i>	<i>C.3.1</i>
— <i>Synchronisation</i>	<i>N/A</i>	<i>C.3.2</i>
— <i>Broadcast message performance</i>	<i>N/A</i>	<i>C.5.1</i>
— <i>Attention drawing signal/silence/message sequence timing</i>	<i>N/A</i>	<i>C.5.2</i>
— <i>Message synchronization testing</i>	<i>N/A</i>	<i>C.5.3</i>
<b>Operational reliability</b>		
— <i>Durability</i>	<i>Pass</i>	<i>4.4</i>
— <i>Construction</i>	<i>Pass</i>	<i>4.5</i>
— <i>Marking and data</i>	<i>Pass</i>	<i>4.6</i>
— <i>Durability</i>	<i>Pass</i>	<i>5.4</i>
— <i>General testing</i>	<i>N/A</i>	<i>C.4</i>
<b>Durability of operational reliability, temperature resistance</b>		
— <i>Dry heat (operational)</i>	<i>Pass</i>	<i>5.5</i>
— <i>Dry heat (endurance)</i>	<i>N/A</i>	<i>5.6</i>
— <i>Cold (operational)</i>	<i>Pass</i>	<i>5.7</i>
— <i>Damp heat, cyclic (operational)</i>	<i>Pass</i>	<i>5.8</i>
— <i>Damp heat, steady state (endurance)</i>	<i>Pass</i>	<i>5.9</i>
<b>Durability of operational reliability, humidity resistance</b>		
— <i>Damp heat, cyclic (operational)</i>	<i>Pass</i>	<i>5.8</i>
— <i>Damp heat, steady state (endurance)</i>	<i>Pass</i>	<i>5.9</i>
— <i>Damp heat, cyclic (endurance)</i>	<i>N/A</i>	<i>5.10</i>
<b>Durability of operational reliability, corrosion resistance</b>		
— <i>Sulphur dioxide (SO<sub>2</sub>) corrosion (endurance)</i>	<i>Pass</i>	<i>5.11</i>
<b>Durability of operational reliability, shock and vibration resistance</b>		
— <i>Shock (operational)</i>	<i>Pass</i>	<i>5.12</i>
— <i>Impact (operational)</i>	<i>Pass</i>	<i>5.13</i>
— <i>Vibration, sinusoidal (operational)</i>	<i>Pass</i>	<i>5.14</i>
— <i>Vibration, sinusoidal (endurance)</i>	<i>Pass</i>	<i>5.15</i>
<b>Durability, electrical stability</b>		
— <i>Electromagnetic compatibility (EMC), immunity (operational)</i>	<i>Pass</i>	<i>5.16</i>
<b>Durability of operational reliability, resistance to ingress</b>		
— <i>Enclosure protection</i>	<i>Pass</i>	<i>5.17</i>

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.

---

*Istanbul, 15.02.2023*

*Signed for and on behalf of the manufacturer by:*

*Saruhan Acar  
Vice General Manager*

A handwritten signature in black ink, consisting of stylized letters 'S' and 'A' followed by a horizontal line, positioned over the printed name and title.