



1922-CPR-0874

DECLARATION OF PERFORMANCE

In accordance with 305/2011/EU
Ref: BİLGİ-CPR-202424-16

Product Code: teknim TFD-3230
teknim TSD-5135

Product Name: Conventional Optical Smoke Detector
Optical Smoke Detector for Intruder Alarm Systems

Base: teknim TFA-0120

Manufacturer: Teknim 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 54-7:2018

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

Essential Characteristics	Performance	EN 54-7:2018
Operational reliability		
— Individual alarm indication	Pass	4.2.1
— Connection of ancillary devices	Pass	4.2.2
— Monitoring of detachable detectors	Pass	4.2.3
— Manufacturer's adjustments	Pass	4.2.4
— On site adjustment of response behaviour	N/A	4.2.5
— Protection against the ingress of foreign bodies	Pass	4.2.6
— Response to slowly developing fires	Pass	4.2.7
— Software controlled detector (when provided)	Pass	4.2.8
Nominal activation conditions/sensitivity		
— Repeatability	Pass	4.3.1
— Directional dependence	Pass	4.3.2
— Reproducibility	Pass	4.3.3
Response delay (response time)		
— Air movement	Pass	4.4.1
— Dazzling	Pass	4.4.2
Tolerance to supply voltage		
— Variation in supply parameters	Pass	4.5
Performance parameters under fire conditions:		
— Fire sensitivity	Pass	4.6
Durability of Nominal activation condition/sensitivity		
Temperature resistance		
— Cold (operational)	Pass	4.7.1.1
— Dry heat (operational)	Pass	4.7.1.2
Humidity resistance		
— Damp heat, steady - state (operational)	Pass	4.7.2.1
— Damp heat, steady - state (endurance)	Pass	4.7.2.2
Corrosion resistance		
— Sulphur dioxide (SO ₂) corrosion (endurance)	Pass	4.7.3
Vibration Resistance		
— Shock (operational)	Pass	4.7.4.1
— Impact (operational)	Pass	4.7.4.2
— Vibration, sinusoidal (operational)	Pass	4.7.4.3
— Vibration, sinusoidal (endurance)	Pass	4.7.4.4
Electrical stability		
— EMC, immunity (operational)	Pass	4.7.5

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, 13.06.2024

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 below the printed name and title.