

# CERTIFICATE

## of constancy of performance

### 1922 - CPR - 0768

In compliance with Regulation (EU) 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

**Fire detection and fire alarm systems. Smoke detectors. Point detectors using scattered light, transmitted light or ionization - optical infra-red smoke detector SF109**

(with the performance listed, see Annex I to 1922-CPR-0768 that is an inseparable part of this certificate)

placed on the market under the name or trade mark of

**TELEDATA S.R.L**

**Via Giulietti 8, Milano 20132, Italy**

and produced in the manufacturing plant of

**Identification code 0001.**

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard

**EN 54-7:2018**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 08.11.2016 and will remain valid until 04.04.2026 as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body. The certificate is supported through annual surveillance audit and is reissued after each surveillance audit. The validity of the certificate may be confirmed in the CE register at the web address [www.dedal-bg.net](http://www.dedal-bg.net).



Manager:

*Anna Vasileva*



dipl. eng. Anna Vasileva

Issued:  
Burgas, 04 April 2025

Ref. No. 04-00



## ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922 - CPR - 0768/04.04.2025

Performance list, acc. to EN 54-7:2018

Essential Characteristics	Performance	Clause
<b>Operational reliability</b>		
- 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	N/A	4.2.7
- Software controlled detector (when provided)	Pass	4.2.8
<b>Nominal activation conditions / Sensitivity</b>		
- Repeatability	Pass	4.3.1
- Directional dependence	Pass	4.3.2
- Reproducibility	Pass	4.3.3
<b>Response delay (response time)</b>		
- Air movement	Pass	4.4.1
- Dazzling	Pass	4.4.2
<b>Tolerance to supply voltage</b>		
- Variation in supply parameters	Pass	4.5
<b>Performance parameters under fire conditions:</b>		
- Fire sensitivity	Pass	4.6
<b>Durability of Nominal activation condition/ Sensitivity</b>		
<b>Temperature resistance</b>		
- Cold (operational)	Pass	4.7.1.1
- Dry heat (operational)	Pass	4.7.1.2
<b>Humidity resistance</b>		
- Damp heat, steady - state (operational)	Pass	4.7.2.1
- Damp heat, steady - state (endurance)	Pass	4.7.2.2
<b>Corrosion resistance</b>		
- Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance)	Pass	4.7.3
<b>Vibration Resistance</b>		
- 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
<b>Electrical stability</b>		
- EMC, immunity (operational)	Pass	4.7.5



Attestation &  
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