

CERTIFICATE

of constancy of performance

1922 - CPR - 0769

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. Heat detectors. Point detectors. Smoke detectors. Point detectors using scattered light, transmitted light or ionization - Combined temperature and optical infra-red smoke detector SF409

(with the performance listed, see Annexes I and II to 1922-CPR-0769 that are 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 standards

EN 54-5:2017+A1:2018 and 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 02.09.2024 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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.



Manager: *Anna Vasileva*

 dipl. eng. Anna Vasileva

Issued:
Burgas, 04 April 2023

Ref. No. 02-00

ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922 - CPR - 0769/04.04.2023

Performance list, acc. to EN 54-5:2017+A1:2018

Essential Characteristics	Performance	Clause
Operational reliability		
- Position of heat sensitive element	Pass	4.2.1
- Individual alarm indication	Pass	4.2.2
- Connection of ancillary devices	Pass	4.2.3
- Monitoring of detachable point heat detectors	Pass	4.2.4
- Manufacturing adjustments	Pass	4.2.5
- On site adjustment of response behaviour	N/A	4.2.6
- Software controlled detectors (when provided)	Pass	4.2.7
Nominal activation conditions/ Sensitivity		
- Directional dependence	Pass	4.3.1
- Static response temperature	Pass	4.3.2
- Response times from typical application temperature	Pass	4.3.3
- Response times from 25 °C	N/A	4.3.4
- Response times from high ambient temperature	Pass	4.3.5
- Reproducibility	Pass	4.3.6
Response delay (response time)		
- Additional test for suffix S point heat detectors	N/A	4.4.1
- Additional test for suffix R point heat detectors	Pass	4.4.2
Tolerance to supply voltage		
- Variation in supply parameters	Pass	4.5
Durability of Nominal activation conditions /Sensitivity		
Temperature resistance		
- Cold (operational)	Pass	4.6.1.1
- Dry heat (endurance)	N/A	4.6.1.2
Humidity resistance		
- Damp heat, cycling (operational)	Pass	4.6.2.1
- Damp heat, steady-state (endurance)	Pass	4.6.2.2
Corrosion resistance		
- Sulphur dioxide (SO ₂) corrosion (endurance)	Pass	4.6.3
Vibration Resistance		
- Shock (operational)	Pass	4.6.4.1
- Impact (operational)	Pass	4.6.4.2
- Vibration, sinusoidal (operational)	Pass	4.6.4.3
- Vibration, sinusoidal (endurance)	Pass	4.6.4.4
Durability of operational reliability, electrical stability		
- (EMC), immunity (operational)	Pass	4.6.5



Attestation & Certification

Manager:

Anna Vasileva



dipl. eng. Anna Vasileva

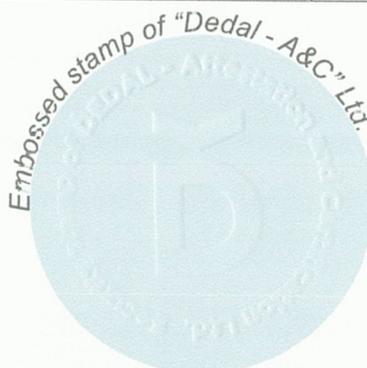
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ANNEX II TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922 - CPR - 0769/04.04.2023

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

Essential Characteristics	Performance	Clause
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
- Responce to slowly developing fires	N/A	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 (responce 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 (SO2) 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



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