

# 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 Annex I to 1922-CPR-0769 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 standards

**EN 54-5:2000, EN 54-5:2000/A1:2002 и EN 54-7:2000, EN 54-7:2000/A1:2002, EN 54-7:2000/A2:2006**

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 08.11.2017 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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).



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Manager:



Issued:  
Burgas, 08 November 2016

arch. Galina Vasileva

## ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922 - CPR - 0769/08.11.2016

Performance list, acc. to EN 54-5:2000, EN 54-5:2000/A1:2002 and EN 54-7:2000,  
EN 54-7:2000/A1:2002, EN 54-7:2000/A2:2006

Essential Characteristics	Performance	Clause
Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions		
- Classification	pass	4.2
- Position of heat sensitive element	pass	4.3
- Directional dependence	pass	5.2
- Static response temperature	pass	5.3
- Response times from typical application temperature	pass	5.4
- Response times from high ambient temperature	pass	5.6
- Reproducibility	pass	5.8
- Additional test for suffix S detectors	N/A	6.1
- Additional test for suffix R detectors	pass	6.2
Operational reliability		
- Individual alarm indication	pass	4.4
- Connection of ancillary devices	pass	4.5
- Monitoring of detachable detectors	pass	4.6
- Manufacturer's adjustments	pass	4.7
- On-site adjustment of response behaviour	N/A	4.8
- Marking	pass	4.9
- Data	pass	4.10
- Additional requirements for software controlled detectors	pass	4.11
Tolerance to supply voltage	pass	5.7
Durability of operational reliability and response delay, temperature resistance		
- Cold (operational)	pass	5.9
- Dry heat (endurance)	pass	5.10
Durability of operational reliability, vibration resistance		
- Shock (operational)	pass	5.14
- Impact (operational)	pass	5.15
- Vibration, sinusoidal (operational)	pass	5.16
- Vibration, sinusoidal (endurance)	pass	5.17
Durability of operational reliability, humidity resistance		
- Damp heat, cyclic (operational)	pass	5.11
- Damp heat, steady state (endurance)	pass	5.12
Durability of operational reliability, corrosion resistance	pass	5.13/ 5.12
Durability of operational reliability, electrical stability	pass	5.18/ 5.17



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