

# CERTIFICATE

## of constancy of performance

### 1922 - CPR - 1006

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. Visual alarm devices - FDEF 102 type: type A for indoor use SB (Shallow Base) and type B for outdoor use DB (Deep Base)**

(For list of the controlled characteristics of the product, see Annex I, 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

**Identification code FND07**

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

**EN 54-23:2010**

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 20.04.2018 and will remain valid until 04.04.2024 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body.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 2023

Ref. No. 02-00



## ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922-CPR-1006/ 04.04.2023

Performance list, acc. to EN 54-23:2010

Essential Characteristics	Performance	Clause
<b>Operational reliability</b>		
- Duration of operation	Pass	4.2.1
- Provision for external conductors	Pass	4.2.2
- Flammability of materials	Pass	4.2.3
- Enclosure protection	Pass	4.2.4
- Access	Pass	4.2.5
- Manufacturer's adjustments	Pass	4.2.6
- On-site adjustment of behavior	Pass	4.2.7
- Requirements for software controlled devices	Pass	4.2.8
<b>Performance parameters under fire conditions</b>		
- Coverage volume	Pass	4.3.1
- Variation of light output	N/A	4.3.2
- Minimum and maximum light intensity	N/A	4.3.3
- Light colour	Pass	4.3.4
- Light pattern and frequency of flashing	Pass	4.3.5
- Marking and data	Pass	4.3.6
- Synchronisation	N/A	4.3.7
<b>Durability, temperature resistance</b>		
- Dry heat (operational)	Pass	4.4.1.1
- Dry heat (endurance)	Pass	4.4.1.2
- Cold (operational)	Pass	4.4.1.3
<b>Durability, humidity resistance</b>		
- Damp heat, cyclic (operational)	Pass	4.4.2.1
- Damp heat, steady state (endurance)	Pass	4.4.2.2
- Damp heat, cyclic (endurance)	Pass	4.4.2.3
<b>Durability, shock and vibration resistance</b>		
- Shock (operational)	Pass	4.4.3.1
- Impact (operational)	Pass	4.4.3.2
- Vibration, sinusoidal (operational)	Pass	4.4.3.3
- Vibration, sinusoidal (endurance)	Pass	4.4.3.4
<b>Durability of operational reliability, corrosion resistance</b>		
- Sulphur dioxide (SO <sub>2</sub> ) corrosion (endurance)	Pass	4.4.4
<b>Durability, electrical stability</b>		
- Electromagnetic compatibility (EMC), immunity (operational)	Pass	4.4.5



Attestation & Certification

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