

CERTIFICATE

of constancy of performance

1922 - CPR - 2475

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. Line detectors using an optical beam

Models: Arton - DL1 and Arton - DL3

Trade mark: ARTON

(with the performance listed, see Annex I to 1922-CPR-2475 that is an inseparable part of this certificate)

placed on the market under the name or trade mark of

Private company "ARTON" (PC ARTON)

6 Prutska str., Chernivtsi 58008, Ukraine

and produced in the manufacturing plant

Private company "ARTON" (PC ARTON)

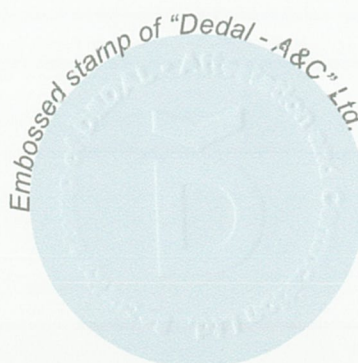
6 Prutska str., Chernivtsi 58008, Ukraine

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

EN 54-12:2015

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 05.11.2025 and will remain valid until 05.11.2026 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product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.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.



Manager: *Anna Vasileva*

Dedal dipl. eng. Anna Vasileva

Issued:
Burgas, 05 November 2025

Ref. No. 01-00

ANNEX I TO CERTIFICATE OF CONSTANCY OF PERFORMANCE 1922-CPR-2475/ 05.11.2025

Performance list, acc. to EN 54-12:2015

Essential characteristic	Performance	Clause
Operation reliability		
- Individual alarm indications	Pass	4.2.1
- Connection of ancillary devices	N/A	4.2.2
- Manufacturer's adjustments	Pass	4.2.3
- On-site adjustment of response threshold value	N/A	4.2.4
- Protection against the ingress of foreign bodies	Pass	4.2.5
- Monitoring of detachable detectors and connections	N/A	4.2.6
- Requirements for software controlled detectors (when provided)	Pass	4.2.7
Nominal activation conditions/ Sensitivity		
- Reproducibility	Pass	4.3.1
- Repeatability	Pass	4.3.2
- Tolerance to beam misalignment	Pass	4.3.3
- Rapid changes in attenuation	Pass	4.3.4
- Response to slow developing fires	Pass	4.3.5
- Optical path length dependence	Pass	4.3.6
- Stray light	Pass	4.3.7
Tolerance to supply voltage		
- Variation in supply voltage	Pass	4.4
Performance parameters under fire conditions:		
- Fire sensitivity	NPD	4.5
Durability of nominal activation conditions/ sensitivity		
- Dry heat (operational)	Pass	4.6.1.1
- Cold (operational)	Pass	4.6.1.2
Humidity resistance		
- Damp heat, steady -state (operational)	Pass	4.6.2.1
- Damp heat, steady state (endurance)	Pass	4.6.2.2
Vibration resistance		
- Vibration, (endurance)	Pass	4.6.3.1
- Impact (operational)	Pass	4.6.3.2
Electrical Stability		
- EMC immunity (operational)	Pass	4.6.4
Corrosion resistance		
- Sulphur dioxide (SO ₂) corrosion (endurance)	Pass	4.6.5



Attestation & Certification

Manager:



dipl. eng. Anna Vasileva

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