

DECLARATION OF PERFORMANCE

According to Construction Products Regulation (EU) Nr.305/2011

Nr. 1922-CPR-2475

1. Unique identification code of the product-type

**Fire detection and fire alarm systems. Smoke detectors. Line detectors using an optical beam:
models: *Arton – DL1 and Arton – DL3***

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11 (4):

Arton – DL1 and Arton – DL3, batch number see product label

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Fire safety

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5):

PC "ARTON", 6 Prutska str., 58008, Chernivtsi, Ukraine

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in article 12(2):

Not applicable

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

«Dedal Attestation & Certification» Ltd

performed type testing of the product, initial inspection of the manufacturing plant and of factory production control with continuous surveillance, assessment and evaluation of factory production control under system 1 and issued the following certificate of constancy of performance:

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8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable, see item 7

9. Declared performance

All requirements including all Essential Characteristics and the corresponding performances for the intended use or uses indicated in point 3 above have been described in the hEN mentioned in the following tab

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 underfire 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

Where pursuant to Article 37 or 38 the Specific Technical Documentation has been used, the requirements with which the product complies:

Not applicable

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Mr. Vladyslav Bondarenko,
director

Chernivtsi, 01.12.2025

Signature


