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EC - Declaration of performance

N.52/2022

According to Regulation EU No. 305/2011

1- Code of the product / type: **ONEDETECTOR_AP.**

2- Type number: **ONEDETECTOR_AP.**

Description: **Combined optical and thermal detector with short circuit isolator**

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

FIRE DETECTION AND FIRE ALARM SYSTEM

4- Manufacturer: **Teledata s.r.l.**,
operational headquarters : **Via Brescia, 24/G Cernusco S/N - 20063 Milano**
registered office : **Via Giulietti, 8, 20132 Milano, Italy**

5- Trading Company: **Teledata s.r.l.**,
operational headquarters : **Via Brescia, 24/G Cernusco S/N - 20063 Milano**
registered office : **Via Giulietti, 8, 20132 Milano, Italy**

6- System of assesment: **System 1**

7- Notify Body: **LGAI Technological Center, S.A. (APPLUS) Campus UAB- Ronda de la Font del Carne s/n 08193 Bellaterra (Barcellona)**

Notify Body Number: **0370**

EC Certificate n°: **0370 – CPR – 3638**





8- Declared Performance:

Annexes according to **EN 54-5:2017+A1:2018**

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Classification	4.2	A1/B PASS
Position of heat sensitive elements	4.3	PASS
Individual alarm indication	4.4	PASS
Connection of ancillary devices	4.5	PASS
Monitoring of detachable detectors	4.6	PASS
Manufacturer's adjustments	4.7	PASS
On-site adjustment of response behaviour	4.8	NA
Marking	4.9	PASS
Data	4.10	PASS
Additional requirements for software controlled detectors	4.11	PASS
Directional dependence	5.2	PASS
Static response temperature	5.3	PASS
Response times from typical application temperature	5.4	PASS
Response times from 25 °C	5.5	NA
Response times from high ambient temperature (dry heat operational)	5.6	PASS
Variation in supply parameters	5.7	NA
Reproducibility	5.8	PASS
Cold (operational)	5.9	PASS
Dry heat (endurance)	5.10	NA
Damp heat, cyclic (operational)	5.11	PASS
Damp heat, steady state (endurance)	5.12	PASS
Sulfur dioxide (SO ₂) corrosion (endurance)	5.13	PASS
Shock (operational)	5.14	PASS
Impact (operational)	5.15	PASS
Vibration, sinusoidal (operational)	5.16	PASS
Vibration, sinusoidal (endurance)	5.17	PASS
Electromagnetic compatibility (EMC), immunity tests (operational)	5.18	PASS
Test for suffix S detectors	6.1	NA
Test for suffix R detectors	6.2	NA





Annexes according to EN 54-7:2018

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Compliance	4.1	PASS
Individual alarm indication	4.2	PASS
Connection of ancillary devices	4.3	PASS
Monitoring of detachable detectors	4.4	PASS
Manufacturer's adjustments	4.5	PASS
On-site adjustment of response behaviour	4.6	NA
Protection against the ingress of foreign bodies	4.7	PASS
Response to slowly developing fires	4.8	NA
Marking	4.9	PASS
Data	4.10	PASS
Additional requirements for software controlled detectors	4.11	PASS
Repeatability	5.2	PASS
Directional dependence	5.3	PASS
Reproducibility	5.4	PASS
Variation in supply parameters	5.5	NA
Air movement	5.6	PASS
Dazzling	5.7	PASS
Dry heat (operational)	5.8	PASS
Cold (operational)	5.9	PASS
Damp heat, steady state (operational)	5.10	PASS
Damp heat, steady state (endurance)	5.11	PASS
Sulfur dioxide (SO ₂) corrosion (endurance)	5.12	PASS
Shock (operational)	5.13	PASS
Impact (operational)	5.14	PASS
Vibration, sinusoidal (operational)	5.15	PASS
Vibration, sinusoidal (endurance)	5.16	PASS
Electromagnetic compatibility (EMC), immunity tests (operational)	5.17	PASS
Fire sensitivity	5.18	PASS





Annexes according to EN 54-17:2005, EN 54-17:2005/AC:2007

ESSENTIAL CHARACTERISTICS	CLAUSES IN THIS EUROPEAN STANDARD	MANDATED LEVEL(S) OR CLASS(ES)
Compliance	4.1	PASS
Integral status indication	4.2	NA
Connection of ancillary devices	4.3	NA
Monitoring of detachable short-circuit isolators	4.4	NA
Manufacturer's adjustments	4.5	PASS
On-site adjustments	4.6	NA
Marking	4.7	PASS
Data	4.8	PASS
Additional requirements for software controlled short-circuit isolators	4.9	PASS
Reproducibility	5.2	PASS
Variation in supply voltage	5.3	PASS
Dry heat (operational)	5.4	PASS
Cold (operational)	5.5	PASS
Damp heat, cyclic (operational)	5.6	PASS
Damp heat, steady state (endurance)	5.7	PASS
Sulphur dioxide (SO2) corrosion (endurance)	5.8	PASS
Shock (operational)	5.9	PASS
Impact (operational)	5.10	PASS
Vibration, sinusoidal (operational)	5.11	PASS
Vibration, sinusoidal (endurance))	5.12	PASS
Electromagnetic Compatibility (EMC), Immunity tests (operational)	5.13	PASS

PASS; NPD = No Performance Determined, NA = Not Apply

9- The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

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





Your Faithfully.

November 17th , 2022

Luca SEBASTIO
Quality Manager

A handwritten signature in black ink, appearing to read 'Luca Sebastio'.