

# DECLARATION OF PERFORMANCE



No. 921605700\_59\_001

1. Unique identification code of the product-type: BSR-6057/A
2. Intended use/es: Addressable, smoke optical and rate of rise heat detector for use in fire detection and fire alarm systems installed in buildings.
3. Manufacturer: Olympia Electronics N. Lakasas – P. Arvanitidis S.A., 72<sup>nd</sup> klm old national road Thessaloniki-Katerini, Kolindros, Pieria, Greece, P.O. 60061
4. System/s AVCP : System 1
5. Harmonized standards: EN 54-5:2000 +A1:2002 – Fire detection and fire alarm systems – Part 5: Heat detectors – Point detectors.

EN 54-7:2000 +A1:2002 +A2:2006 – Fire detection and fire alarm systems – Part 7: Smoke detectors – Point detectors using scattered light, transmitted light or ionization

Notified body/ies: HELLENIC ELECTRONIC EQUIPMENT QUALITY ASSURANCE CENTER, No. 0848

6. Declared performance/s:

| Essential characteristics   | Performance | Harmonized technical specification:<br>EN 54-5:2000<br>+A1:2002 | Harmonized technical specification:<br>EN 54-7:2000<br>+A1:2002 +A2:2006 |
|---|-------------|---|--|
| Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions | PASS        | 4.2, 4.3, 5.2 to 5.4, 5.6, 5.8, 6.1 <sup>a</sup>                | 4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18                                       |
| Operational reliability   | PASS        | 4.4 to 4.7, 4.9 to 4.11   | 4.2 to 4.5, 4.7, 4.9 to 4.11   |
| Tolerance to supply voltage   | PASS        | 5.7   | -  |
| Durability of operational reliability and response delay; temperature resistance                                | PASS        | 5.9   | 5.8, 5.9   |
| Durability of operational reliability; vibration resistance   | PASS        | 5.14 to 5.17  | 5.13 to 5.16   |
| Durability of operational reliability; humidity resistance  | PASS        | 5.11, 5.12  | 5.11   |
| Durability of operational reliability; corrosion resistance   | PASS        | 5.13  | 5.12   |
| Durability of operational reliability; electrical stability   | PASS        | 5.18  | 5.17   |

Comments:

a) Suffix S detector

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Elias Tsologianis, R&D engineer

Kolindros, Pieria, Greece 4/6/2018