

**Construction Products Regulation:
305/2011**

**DECLARATION OF PERFORMANCE
No. 0832-CPR-F1350**

1. Unique identification code of the product-type:

**ORB-OP-12001
Variant: ORB-OP-12003**

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

**ORB-OP-12001-APO Orbis Optical Smoke Detector with SensAlert/FasTest and DirtAlert
Variant:
ORB-OP-12003-APO Orbis Optical Smoke Detector with Flashing LED/SensAlert/FasTest and
DirtAlert**

To be used in conjunction with the following bases and ancillaries:

ORB-MB-00001-APO – TimeSaver Base, ORB-MB-00002-APO TimeSaver Base LX, ORB-DB-00003-APO TimeSaver Diode Base, ORB-RB-10004-APO TimeSaver Relay Base, ORB-MB-00012-APO LX Base, OEX-MB-00016-APO LX Base, ORB-MB-00019-APO TimeSaver Deep Base.

ORB-BA-10008-APO Orbis Adaptor Base (to be used in conjunction with the following bases only: 45681-200_201

Each individual product is identified with a label containing a production date code with build standard number

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 systems

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

**Apollo Fire Detectors Ltd,
36 Brookside Road, Havant, Hampshire, PO9 1JR**

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

**Apollo Fire Detectors Ltd,
36 Brookside Road, Havant, Hampshire, PO9 1JR**

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

System 1

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

BRE Global Limited (Notified Body 0832) has 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 following Certificate of Constancy of Performance:

0832-CPR-F1350

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

Not applicable

9. Declared performance

Essential Characteristics	Standard EN54-7:2000 + A1:2002 + A2:2006	Performance
Nominal activation conditions/Sensitivity. Response delay (response time) and Performance under fire conditions	4.8, 5.2, 5.3, 5.4, 5.6, 5.7, 5.18	Pass
Operational reliability	4.2 to 4.7, 4.9 to 4.11	Pass
Tolerance to supply voltage	5.5	Pass
Durability of operational reliability and response delay: temperature resistance	5.8, 5.9	Pass
Durability of operational reliability: vibration resistance	5.13 to 5.16	Pass
Durability of operational reliability: humidity resistance	5.10, 5.11	Pass
Durability of operational reliability: corrosion resistance	5.12	Pass
Durability of operational reliability: electrical resistance	5.17	Pass

The performance of the product identified above is in conformity with the performance and essential characteristics declared within this certificate. The declaration of performance is issued under the sole responsibility of Apollo Fire Detectors Limited.

Signed for and on behalf of Apollo Fire Detectors Limited by:



Mr. Karl Westhead
Technical Director

Place and Date of Issue: Havant – **28 July 2016**