

# Certificate of constancy of performance



according to Regulation (EU) No. 305/2011

**Certificate No.:** 1008-CPR-MC 69266398 0001

**Report No.:** HU22U968 001

**Applicant:** **WKBM**  
5 Rue des Pyrénées, 91090 LISSES, France

**Manufacturer:** **WKBM**  
5 Rue des Pyrénées, 91090 LISSES, France

**Manufacturing plant:** **Zhejiang HuaXiao Technology Co.,Ltd.**  
1-3/F, Building A2 ,No. 28 Dongqiao Road, Dongzhou  
Street, Fuyang District, Hangzhou, Zhejiang, China

**Product:** **Smoke alarm**

**Identification:** **DETC40IR, DETC50RE**  
Intended use: Fire safety  
FPC Report No.: HU22JUS2 001  
Test report: CN222T6K 001, CN222T6K 002, CN222T6K 003

**System of assessment  
and verification:** 1

**Tested according to:** EN 14604:2005; EN 14604:2005/AC:2008

This certificate attests that all provisions concerning the assessment and verification of constancy of performance and the performance described in Annex ZA of the above standard(s) under above system are applied and the product fulfils all the prescribed requirements set out above.

This certificate was first issued on 2022-11-08 and it will remain valid until the test methods and/or factory production control requirements included in the standard, used to assess the performance of the declared characteristics, and the product, and the manufacturing conditions in the plant are unchanged. The manufacturing plant and factory production control system of the manufacturer is supervised regularly by the Certification Body.

Certification Body

**Date of issue:**  
Budapest, 2022-11-08

  
Kristof Kertesz

TÜV Rheinland InterCert Kft., Product Certification Body — H-1143 Budapest, Gizella út 51-57. — [www.tuv.com](http://www.tuv.com)  
Notified Body No. 1008

Validity of certificate can be checked on [www.CERTIPEDIA.com](http://www.CERTIPEDIA.com)

Essential characteristics	Performance	Harmonised technical specification
Operational reliability	Pass	<p>EN 14604: 2005 EN 14604: 2005/AC:2008</p>
Repeatability	Pass	
Directional dependence	Pass	
Initial sensitivity	Pass	
Air movement	Pass	
Dazzling (45°, 90°)	Pass	
Dry heat (55±2°C, 2h)	Pass	
Cold (operational) (0±2°C, 2h)	Pass	
Damp heat (operational) (40±2°C, 93±3%, 96h)	Pass	
Sulphur dioxide (SO <sub>2</sub> ) corrosion (25 °C; 93 %; 25 ppm; 4 days)	Pass	
Impact (1,9±0,1 J; 1 time)	Pass	
Vibration (operational) (10 to 150 Hz; 5m/s <sup>2</sup> ; 3 axes)	Pass	
Vibration (endurance) (10 to 150 Hz; 10m/s <sup>2</sup> ; 3 axes)	Pass	
Electromagnetic Compatibility (EMC), Immunity tests (operational)	Pass	
Fire sensitivity (TF2; TF3; TF4; TF5)	Pass	
Battery fault warning	Pass	
Sound output	Pass	
Sounder durability	Pass	
Inter-connectable smoke alarms (only for DETC50RF)	Pass	
Variation in supply voltage	Pass	
Back-up power source	N/A	
Alarm silence facility	Pass	
Battery reversal	Pass	
Electrical safety	Pass	

**Certification Body**

**Date of issue:**  
Budapest, 2022-11-08

  
.....  
Kristof Kertesz