

Declaration of Performance

No. DOP-RA280Q-20151005

Product type:

Smoke Alarm

Product type number: RA280Q

Intended use:

Fire Safety

Name and contact address of the manufacturer:

Indexa GmbH
Paul-Böhringer-Str. 3
74229 Oedheim

System of assessment and verification of constancy of performance of the construction product: **System 1**

Notified Product Certification Body ANPI (NB 1134) performed type testing, the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance assessment and approval of the factory production control under system 1 and issued the Certificate of Constancy of Performance no. 1134-CPR-168.

The performance of the product identified above is in conformity with the declared performance in the following table:

Essential Characteristics	Performance	Harmonised Technical Specification
Smoke alarm signal	Pass	EN 14604:2005/AC:2008, Cl. 4.12
Inter-connectable smoke alarms	NA	EN 14604:2005/AC:2008, Cl. 4.18
Repeatability	Pass	EN 14604:2005/AC:2008, Cl. 5.2
Directional dependence	Pass	EN 14604:2005/AC:2008, Cl. 5.3
Initial sensitivity	Pass	EN 14604:2005/AC:2008, Cl. 5.4
Air movement	Pass	EN 14604:2005/AC:2008, Cl. 5.5
Dazzling	Pass	EN 14604:2005/AC:2008, Cl. 5.6
Fire sensitivity	Pass	EN 14604:2005/AC:2008, Cl. 5.15
Sound output	Pass	EN 14604:2005/AC:2008, Cl. 5.17
Sounder durability	Pass	EN 14604:2005/AC:2008, Cl. 5.18
Inter-connectable smoke alarms	NA	EN 14604:2005/AC:2008, Cl. 5.19
Alarm silence facility	Pass	EN 14604:2005/AC:2008, Cl. 5.20
Compliance	Pass	EN 14604:2005/AC:2008, Cl. 4.1
Individual alarm indicator	Pass	EN 14604:2005/AC:2008, Cl. 4.2
Mains-on indicator	NA	EN 14604:2005/AC:2008, Cl. 4.3
Connection of external ancillary devices	NA	EN 14604:2005/AC:2008, Cl. 4.4
Means of calibration	Pass	EN 14604:2005/AC:2008, Cl. 4.5
User replaceable components	Pass	EN 14604:2005/AC:2008, Cl. 4.6
Normal power source	Pass	EN 14604:2005/AC:2008, Cl. 4.7
Standby power source	NA	EN 14604:2005/AC:2008, Cl. 4.8
Electrical safety requirements	Pass	EN 14604:2005/AC:2008, Cl. 4.9
Routine test facility	Pass	EN 14604:2005/AC:2008, Cl. 4.10
Terminals for external conductors	NA	EN 14604:2005/AC:2008, Cl. 4.11
Battery removal indication	NA	EN 14604:2005/AC:2008, Cl. 4.13
Battery connections	NA	EN 14604:2005/AC:2008, Cl. 4.14
Battery capacity	Pass	EN 14604:2005/AC:2008, Cl. 4.15
Protection against the ingress of foreign bodies	Pass	EN 14604:2005/AC:2008, Cl. 4.16
Additional requirements for software controlled smoke alarms	NA	EN 14604:2005/AC:2008, Cl. 4.17
Marking and data	Pass	EN 14604:2005/AC:2008, Cl. 4.19
Impact	Pass	EN 14604:2005/AC:2008, Cl. 5.11
Battery fault warning	Pass	EN 14604:2005/AC:2008, Cl. 5.16
Battery reversal	NA	EN 14604:2005/AC:2008, Cl. 5.22
Back-up power source	NA	EN 14604:2005/AC:2008, Cl. 5.23
Electrical safety- Assessment and testing to determine the adequacy of personal protection against hazardous currents passing through the human body (electric shock), excessive temperature and the start and spread of fire	Pass	EN 14604:2005/AC:2008, Cl. 5.24
Variation in supply voltage	Pass	EN 14604:2005/AC:2008, Cl. 5.21
Dry heat	Pass	EN 14604:2005/AC:2008, Cl. 5.7
Cold (operational)	Pass	EN 14604:2005/AC:2008, Cl. 5.8
Vibration (operational)	Pass	EN 14604:2005/AC:2008, Cl. 5.12
Vibration (endurance)	Pass	EN 14604:2005/AC:2008, Cl. 5.13
Damp heat (operational)	Pass	EN 14604:2005/AC:2008, Cl. 5.9
Sulphur dioxide (SO2) corrosion	Pass	EN 14604:2005/AC:2008, Cl. 5.10
Electromagnetic compatibility (EMC), immunity (operational)	Pass	EN 14604:2005/AC:2008, Cl. 5.14

(NPD = No Performance Determined)

This declaration of performance is issued under the sole responsibility of Indexa GmbH.

Signed for and on behalf of the manufacturer by:

Bell, Tim

Managing Director

Oedheim, 05.10.2015



(Name)

(Position)

(Place and date of issue)

(Signature)