

Declaration of Performance



In accordance with the Construction Products Regulation (EU) No. 305/2011
No. 0786-CPR-21051

1. Unique identification code of the product type

Smoke alarm: fumonic 3 radio net

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

**fumonic 3 radio net
Art. No.: 11280 / 11282**

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

Smoke alarm device

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

ista International GmbH, Luxemburger Str. 1, 45131 Essen, Germany

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

not applicable

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

System 1

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

0786 VdS Schadenverhütung GmbH

has determined the product-type on the basis of type testing, and performed an initial inspection of the manufacturing plant and of factory production control, continuous surveillance, assessment and evaluation of factory production control according to system 1 and has issued the following conformity certificate:

0786-CPR-21051

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

Not applicable, see Section 7

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9. Declared performance:

All requirements including all essential characteristics and the relevant performances for the intended use or intended uses given in point 3 above were determined as described in the harmonised European standards named in the following table:

Performance table for EN 14604:2005

Harmonised technical specification		EN 14604:2005
Essential characteristics	Performance 1) 2)	Clause
Nominal activation conditions / sensitivity / response delay (response time) and performance under fire conditions		
Smoke alarm signals	pass	4.12
Interconnectable smoke alarm	not applicable	4.18
Repeatability	pass	5.2
Directional dependence	pass	5.3
Initial sensitivity	pass	5.4
Air movement	pass	5.5
Dazzling	pass	5.6
Fire sensitivity	pass	5.15
Sound output	pass	5.17
Sound durability	pass	5.18
Interconnectable smoke alarms	not applicable	5.19
Alarm silence facility	no performance defined	5.20

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Harmonised technical specification		EN 14604:2005
Essential characteristics	Performance 1) 2)	Clause
Operational reliability		
Compliance	pass	4.1
Individual alarm indicator	pass	4.2
Mains on indicator	not applicable	4.3
Connection of external ancillary devices	not applicable	4.4
Means of calibration	pass	4.5
User replaceable components	pass	4.6
Normal power source	pass	4.7
Standby power source	not applicable	4.8
Electrical safety requirements	pass	4.9
Routine test facility	pass	4.10
Terminals for external conductors	not applicable	4.11
Battery removal indication	not applicable	4.13
Battery connections	not applicable	4.14
Battery capacity	pass	4.15
Protection against the ingress of foreign bodies	pass	4.16

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Harmonised technical specification		EN 14604:2005
Essential characteristics	Performance 1) 2)	Clause
Additional requirements for software controlled smoke alarms	pass	4.17
Marking and data	pass	4.19
Impact	pass	5.11
Battery fault warning	pass	5.16
Battery reversal	not applicable	5.22
Backup power source	not applicable	5.23
Electrical safety - evaluation and testing of adequate personal protection against dangerous currents through the human body (electric shock), very high temperatures and the outbreak and spread of fires	pass	5.24
Tolerance to supply voltage		
Variation in supply voltage	pass	5.21
Durability of operational reliability, and response delay, resistance to temperature		
Dry heat	pass	5.7
Cold (operational)	pass	5.8

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Harmonised technical specification		EN 14604:2005
Essential characteristics	Performance 1) 2)	Clause
Durability of operational reliability, resistance to vibrations		
Vibration (operational)	pass	5.12
Vibration (endurance)	pass	5.13
Durability of operational reliability, moisture resistance		
Damp heat (operational)	pass	5.9
Durability of operational reliability, resistance to corrosion		
Sulphur dioxide (SO ₂) corrosion	pass	5.10

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Durability of operational reliability, electrical stability		
Electromagnetic compatibility (EMC), immunity (operational)	pass	5.14
1) "NPD" theoretically possible, except for durability of characteristics with declared performance 2) "not applicable" for components, for which the requirement is not applicable 3) The list of the options with requirements is listed separately to the table of performances in the certificate of the constancy of performance		

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Date and place of issue:

20.11.2017

Essen, Germany

Signature

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ista International GmbH
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Electronic Development

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