



11

Declaration of Performance

0786-CPD-20790

1. Unique product identification code:
Aspirating Smoke Detector FCS-320-TPx, FCS-320-TTx, FAS-420-TPx, FAS-420-TTx
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
FCS-320-TPx, FCS-320-TTx, FAS-420-TPx, FAS-420-TTx
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 in and around buildings.
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
5. Where applicable, name and contact address of the authorized 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 the harmonized standard:
VdS 0786
performed type testing and 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 following certificate of constancy of performance / certificate of conformity:
0786-CPD-20790
8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:
Not applicable, see item 7
9. Declared performance:

Essential Characteristics	Harmonized Technical Specification	Clause	Performance
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-20:2006 + AC:2008	5.6, 6.2, 6.3, 6.15	Passed
Operational reliability	EN 54-20:2006 + AC:2008	5.2 - 5.5, 5.7 - 5.12	Passed
Tolerance to supply voltage	EN 54-20:2006 + AC:2008	6.4	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-20:2006 + AC:2008	6.5, 6.6	Passed
Vibration resistance	EN 54-20:2006 + AC:2008	6.10 - 6.13	Passed
Humidity resistance	EN 54-20:2006 + AC:2008	6.7, 6.8	Passed
Corrosion resistance	EN 54-20:2006 + AC:2008	6.9	Passed
Electrical stability	EN 54-20:2006 + AC:2008	6.14	Passed
Performance under fire conditions	EN 54-17:2005	5.2	Passed
Operational reliability	EN 54-17:2005	4	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-17:2005	5.4, 5.5	Passed
Vibration resistance	EN 54-17:2005	5.9 - 5.12	Passed
Humidity resistance	EN 54-17:2005	5.6, 5.7	Passed
Corrosion resistance	EN 54-17:2005	5.8	Passed
Electrical stability	EN 54-17:2005	5.3, 5.13	Passed


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.

Signed for and on behalf of the manufacturer by:



Vice President Business Unit
Grasbrunn, 25.06.2013



R&D Manager Business Unit