



BOSCH

Declaration of Performance	English - en
Декларация за експлоатационни показатели	Български - bg
Prohlášení o vlastnostech	Čeština - cs
Ydeevnedeklaration	Dansk - da
Leistungserklärung	Deutsch - de
Δήλωση επιδόσεων	Ελληνικά - el
Declaración de prestaciones	Español - es
Toimivusdeklaratsioon	Eesti - et
Suoritustasoilmoitus	Suomi - fi
Déclaration des performances	Français- fr
Izjava o svojstvima	Hrvatski - hr
Teljesítménynyilatkozat	Magyar - hu
Dichiarazione di prestazione	Italiano - it
Eksploatacinių savybių deklaracija	Lietuvių - lt
Ekspluatācijas īpašību deklarācija	Latviešu - lv
Prestatieverklaring	Nederlands - nl
Deklaracja właściwości użytkowych	Polski - pl
Declaração de desempenho	Português - pt
Declarație de performanță	Română - ro
Vyhlasenie o parametroch	Slovenčina - sk
Izjave o lastnostih	Slovenščina - sl
Prestandadeklaration	Svenska - sv
Performans beyanı	Türkçe - tr

0786-CPR-20352_01

Signed for and on behalf of the manufacturer by:

Vice President Business Unit

Grasbrunn, 12.10.2017

R&D Manager Business Unit



0786-CPR-20352_01

Declaration of Performance

1. Unique identification code of the product-type:
Multisensor Detector FCP-OT320, FCP-OT320-R470
2. Intended use/es:
Fire safety
3. Manufacturer:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. System/s of AVCP:
System 1
5. Harmonised standard:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Notified body/ies:
VdS 0786
6. Declared performance/s

Essential Characteristics	Harmonized Technical Specification	Clause	Performance
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Passed
		5.5, 6.1	NPD
Operational reliability	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Passed
		4.8	NPD
Tolerance to supply voltage	EN 54-5:2000 + A1:2002	5.7	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-5:2000 + A1:2002	5.9	Passed
		5.10	NPD
Vibration resistance	EN 54-5:2000 + A1:2002	5.14 - 5.17	Passed
Humidity resistance	EN 54-5:2000 + A1:2002	5.11, 5.12	Passed
Corrosion resistance	EN 54-5:2000 + A1:2002	5.13	Passed

Electrical stability	EN 54-5:2000 + A1:2002	5.18	Passed
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Passed
Operational reliability	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Passed
		4.6	NPD
Tolerance to supply voltage	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Passed
Vibration resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Passed
Humidity resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Passed
Corrosion resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Passed
Electrical stability	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Passed

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Vice President Business Unit

R&D Manager Business Unit

Grasbrunn , 12.10.2017



0786-CPR-20352_01

Declaration of Performance

1. Уникален идентификационен код на типа продукт:
Мултисензорен пожароизвестител FCP-OT320, FCP-OT320-R470
2. Предвидена употреба/употреби:
Безопасност при пожар
3. Производител:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. Система/системи за оценяване и проверка на постоянството на експлоатационните показатели:
Система 1
5. Хармонизиран стандарт:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Нотифициран орган/органи:
VdS 0786
6. Декларирани експлоатационни показатели:

Основни характеристики	Хармонизирана техническа спецификация	Клауза	Експлоатационни показатели
Номинални условия за активиране/чувствителност, закъснение на реакцията (време за реакция) и експлоатационни показатели при условия на пожар	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Издържани
		5.5, 6.1	NPD
Надеждност на работа	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Издържани
		4.8	NPD
Толеранс на напрежението	EN 54-5:2000 + A1:2002	5.7	Издържани
Трайност на надеждността на работа:			
Температурна устойчивост	EN 54-5:2000 + A1:2002	5.9	Издържани
		5.10	NPD
Устойчивост на вибрации	EN 54-5:2000 + A1:2002	5.14 - 5.17	Издържани
Устойчивост на влага	EN 54-5:2000 + A1:2002	5.11, 5.12	Издържани

Устойчивост на корозия	EN 54-5:2000 + A1:2002	5.13	Издържани
Електрическа стабилност	EN 54-5:2000 + A1:2002	5.18	Издържани
Номинални условия за активиране/чувствителност, закъснение на реакцията (време за реакция) и експлоатационни показатели при условия на пожар	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Издържани
Надеждност на работа	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Издържани
		4.6	NPD
Толеранс на напрежението	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Издържани
Трайност на надеждността на работа:			
Температурна устойчивост	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Издържани
Устойчивост на вибрации	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Издържани
Устойчивост на влага	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Издържани
Устойчивост на корозия	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Издържани
Електрическа стабилност	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Издържани

Експлоатационните показатели на продукта, посочени по-горе, са в съответствие с декларираните експлоатационни показатели. Настоящата декларация за експлоатационни показатели се издава в съответствие с Регламент (ЕС) № 305/2011, като отговорността за нея се носи изцяло от посочения по-горе производител.

Подписано за и от името на производителя от:

Вицепрезидент, бизнес звено

Мениджър на изследователска и развойна дейност,
бизнес звено

Grasbrunn , 12.10.2017



0786-CPR-20352_01

Prohlášení o vlastnostech

1. Unique identification code of the product-type:
Multisensor Detector FCP-OT320, FCP-OT320-R470
2. Intended use/es:
Požární bezpečnost
3. Manufacturer:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. System/s of AVCP:
Systém 1
5. Harmonised standard:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Notified body/ies:
VdS 0786
6. Declared performance/s

Essential Characteristics	Harmonized Technical Specification	Clause	Performance
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Passed
		5.5, 6.1	NPD
Operational reliability	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Passed
		4.8	NPD
Tolerance to supply voltage	EN 54-5:2000 + A1:2002	5.7	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-5:2000 + A1:2002	5.9	Passed
		5.10	NPD
Vibration resistance	EN 54-5:2000 + A1:2002	5.14 - 5.17	Passed
Humidity resistance	EN 54-5:2000 + A1:2002	5.11, 5.12	Passed
Corrosion resistance	EN 54-5:2000 + A1:2002	5.13	Passed

Electrical stability	EN 54-5:2000 + A1:2002	5.18	Passed
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Passed
Operational reliability	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Passed
		4.6	NPD
Tolerance to supply voltage	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Passed
Vibration resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Passed
Humidity resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Passed
Corrosion resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Passed
Electrical stability	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Passed

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Podepsáno za výrobce a jeho jménem:

Viceprezident obchodní jednotky

Grasbrunn , 12.10.2017

Ředitel výzkumu a vývoje obchodní jednotky



0786-CPR-20352_01

Declaration of Performance

1. Unique identification code of the product-type:
Multisensor Detector FCP-OT320, FCP-OT320-R470
2. Intended use/es:
Brandsikkerhed
3. Manufacturer:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. System/s of AVCP:
System 1
5. Harmonised standard:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Notified body/ies:
VdS 0786
6. Declared performance/s

Essential Characteristics	Harmonized Technical Specification	Clause	Performance
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Passed
		5.5, 6.1	NPD
Operational reliability	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Passed
		4.8	NPD
Tolerance to supply voltage	EN 54-5:2000 + A1:2002	5.7	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-5:2000 + A1:2002	5.9	Passed
		5.10	NPD
Vibration resistance	EN 54-5:2000 + A1:2002	5.14 - 5.17	Passed
Humidity resistance	EN 54-5:2000 + A1:2002	5.11, 5.12	Passed
Corrosion resistance	EN 54-5:2000 + A1:2002	5.13	Passed

Electrical stability	EN 54-5:2000 + A1:2002	5.18	Passed
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Passed
Operational reliability	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Passed
		4.6	NPD
Tolerance to supply voltage	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Passed
Vibration resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Passed
Humidity resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Passed
Corrosion resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Passed
Electrical stability	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Passed

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Underskrevet for fabrikanten og på dennes vegne af:

Forretningshedens underdirektør

Forretningshedens forsknings-og udviklingschef

Grasbrunn , 12.10.2017



0786-CPR-20352_01

Leistungserklärung

1. Unique identification code of the product-type:
Multisensor Detector FCP-OT320, FCP-OT320-R470
2. Intended use/es:
Brandschutz
3. Manufacturer:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. System/s of AVCP:
System 1
5. Harmonised standard:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Notified body/ies:
VdS 0786
6. Declared performance/s

Essential Characteristics	Harmonized Technical Specification	Clause	Performance
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Passed
		5.5, 6.1	NPD
Operational reliability	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Passed
		4.8	NPD
Tolerance to supply voltage	EN 54-5:2000 + A1:2002	5.7	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-5:2000 + A1:2002	5.9	Passed
		5.10	NPD
Vibration resistance	EN 54-5:2000 + A1:2002	5.14 - 5.17	Passed
Humidity resistance	EN 54-5:2000 + A1:2002	5.11, 5.12	Passed
Corrosion resistance	EN 54-5:2000 + A1:2002	5.13	Passed

Electrical stability	EN 54-5:2000 + A1:2002	5.18	Passed
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Passed
Operational reliability	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Passed
		4.6	NPD
Tolerance to supply voltage	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Passed
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Corrosion resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Passed
Electrical stability	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Passed

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Unterzeichnet für und im Namen des Herstellers von:

Leitung der Business Unit

F&E-Manager der Business Unit

Grasbrunn , 12.10.2017



0786-CPR-20352_01

Δήλωση απόδοσης

1. Unique identification code of the product-type:
Multisensor Detector FCP-OT320, FCP-OT320-R470
2. Intended use/es:
Πυρασφάλεια
3. Manufacturer:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. System/s of AVCP:
Σύστημα 1
5. Harmonised standard:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Notified body/ies:
VdS 0786
6. Declared performance/s

Essential Characteristics	Harmonized Technical Specification	Clause	Performance
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Passed
		5.5, 6.1	NPD
Operational reliability	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Passed
		4.8	NPD
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Durability of operational reliability:			
Temperature resistance	EN 54-5:2000 + A1:2002	5.9	Passed
		5.10	NPD
Vibration resistance	EN 54-5:2000 + A1:2002	5.14 - 5.17	Passed
Humidity resistance	EN 54-5:2000 + A1:2002	5.11, 5.12	Passed
Corrosion resistance	EN 54-5:2000 + A1:2002	5.13	Passed

Electrical stability	EN 54-5:2000 + A1:2002	5.18	Passed
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Passed
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Corrosion resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Passed
Electrical stability	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Passed

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Υπογράφεται για τον κατασκευαστή και εκ μέρους αυτού από:

Αντιπρόεδρος Επιχειρηματικής Μονάδας

Διευθυντής Έρευνας και Ανάπτυξης Επιχειρηματικής Μονάδας

Grasbrunn , 12.10.2017



0786-CPR-20352_01

Declaración de prestaciones

1. Unique identification code of the product-type:
Multisensor Detector FCP-OT320, FCP-OT320-R470
2. Intended use/es:
Seguridad contra incendios
3. Manufacturer:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. System/s of AVCP:
Sistema 1
5. Harmonised standard:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Notified body/ies:
VdS 0786
6. Declared performance/s

Essential Characteristics	Harmonized Technical Specification	Clause	Performance
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		5.10	NPD
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Corrosion resistance	EN 54-5:2000 + A1:2002	5.13	Passed

Electrical stability	EN 54-5:2000 + A1:2002	5.18	Passed
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Passed
Operational reliability	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Passed
		4.6	NPD
Tolerance to supply voltage	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Passed
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Humidity resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Passed
Corrosion resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Passed
Electrical stability	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Passed

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Firmado por y en nombre del fabricante por:

Vicepresidente de la unidad de negocios

Jefe de investigación y desarrollo de la unidad de negocios

Grasbrunn , 12.10.2017



0786-CPR-20352_01

Toimivusdeklaratsioon

1. Unique identification code of the product-type:
Multisensor Detector FCP-OT320, FCP-OT320-R470
2. Intended use/es:
Tuleohutus
3. Manufacturer:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. System/s of AVCP:
Süsteem 1
5. Harmonised standard:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Notified body/ies:
VdS 0786
6. Declared performance/s

Essential Characteristics	Harmonized Technical Specification	Clause	Performance
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Corrosion resistance	EN 54-5:2000 + A1:2002	5.13	Passed

Electrical stability	EN 54-5:2000 + A1:2002	5.18	Passed
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Passed
Operational reliability	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Passed
		4.6	NPD
Tolerance to supply voltage	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Passed
Vibration resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Passed
Humidity resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Passed
Corrosion resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Passed
Electrical stability	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Passed

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Tootja poolt ja nimel allkirjastanud:

Äriüksuse asepresident
Grasbrunn , 12.10.2017

Äriüksuse arendusjuht



0786-CPR-20352_01

Declaration of Performance

1. Unique identification code of the product-type:
Multisensor Detector FCP-OT320, FCP-OT320-R470
2. Intended use/es:
Paloturvallisuus
3. Manufacturer:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. System/s of AVCP:
Järjestelmä 1
5. Harmonised standard:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Notified body/ies:
VdS 0786
6. Declared performance/s

Essential Characteristics	Harmonized Technical Specification	Clause	Performance
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Passed
		5.5, 6.1	NPD
Operational reliability	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Passed
		4.8	NPD
Tolerance to supply voltage	EN 54-5:2000 + A1:2002	5.7	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-5:2000 + A1:2002	5.9	Passed
		5.10	NPD
Vibration resistance	EN 54-5:2000 + A1:2002	5.14 - 5.17	Passed
Humidity resistance	EN 54-5:2000 + A1:2002	5.11, 5.12	Passed
Corrosion resistance	EN 54-5:2000 + A1:2002	5.13	Passed

Electrical stability	EN 54-5:2000 + A1:2002	5.18	Passed
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Passed
Operational reliability	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Passed
		4.6	NPD
Tolerance to supply voltage	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Passed
Vibration resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Passed
Humidity resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Passed
Corrosion resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Passed
Electrical stability	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Passed

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Valmistajan puolesta allekirjoittanut:

Vice President Business Unit

Grasbrunn , 12.10.2017

R&D Manager Business Unit



0786-CPR-20352_01

Déclaration de performance

1. Unique identification code of the product-type:
Multisensor Detector FCP-OT320, FCP-OT320-R470
2. Intended use/es:
Sécurité incendie
3. Manufacturer:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. System/s of AVCP:
Système 1
5. Harmonised standard:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Notified body/ies:
VdS 0786
6. Declared performance/s

Essential Characteristics	Harmonized Technical Specification	Clause	Performance
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Passed
		5.5, 6.1	NPD
Operational reliability	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Passed
		4.8	NPD
Tolerance to supply voltage	EN 54-5:2000 + A1:2002	5.7	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-5:2000 + A1:2002	5.9	Passed
		5.10	NPD
Vibration resistance	EN 54-5:2000 + A1:2002	5.14 - 5.17	Passed
Humidity resistance	EN 54-5:2000 + A1:2002	5.11, 5.12	Passed
Corrosion resistance	EN 54-5:2000 + A1:2002	5.13	Passed

Electrical stability	EN 54-5:2000 + A1:2002	5.18	Passed
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Passed
Operational reliability	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Passed
		4.6	NPD
Tolerance to supply voltage	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Passed
Vibration resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Passed
Humidity resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Passed
Corrosion resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Passed
Electrical stability	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Passed

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signé pour et au nom du fabricant par :

Vice-président de l'unité commerciale

Grasbrunn , 12.10.2017

Directeur R&D de l'unité commerciale



0786-CPR-20352_01

Izjava o svojstvima

1. Unique identification code of the product-type:
Multisensor Detector FCP-OT320, FCP-OT320-R470
2. Intended use/es:
Zaštita od požara
3. Manufacturer:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. System/s of AVCP:
Sustav 1
5. Harmonised standard:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Notified body/ies:
VdS 0786
6. Declared performance/s

Essential Characteristics	Harmonized Technical Specification	Clause	Performance
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Passed
		5.5, 6.1	NPD
Operational reliability	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Passed
		4.8	NPD
Tolerance to supply voltage	EN 54-5:2000 + A1:2002	5.7	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-5:2000 + A1:2002	5.9	Passed
		5.10	NPD
Vibration resistance	EN 54-5:2000 + A1:2002	5.14 - 5.17	Passed
Humidity resistance	EN 54-5:2000 + A1:2002	5.11, 5.12	Passed
Corrosion resistance	EN 54-5:2000 + A1:2002	5.13	Passed

Electrical stability	EN 54-5:2000 + A1:2002	5.18	Passed
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Passed
Operational reliability	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Passed
		4.6	NPD
Tolerance to supply voltage	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Passed
Vibration resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Passed
Humidity resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Passed
Corrosion resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Passed
Electrical stability	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Passed

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Potpisuju u ime i za račun proizvođača:

Potpredsjednik poslovne jedinice
Grasbrunn , 12.10.2017

Voditelj istraživanja i razvoja za proizvodnu jedinicu



0786-CPR-20352_01

Teljesítménynyilatkozat

1. Unique identification code of the product-type:
Multisensor Detector FCP-OT320, FCP-OT320-R470
2. Intended use/es:
Tűzbiztonság
3. Manufacturer:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. System/s of AVCP:
1. rendszer
5. Harmonised standard:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Notified body/ies:
VdS 0786
6. Declared performance/s

Essential Characteristics	Harmonized Technical Specification	Clause	Performance
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Passed
		5.5, 6.1	NPD
Operational reliability	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Passed
		4.8	NPD
Tolerance to supply voltage	EN 54-5:2000 + A1:2002	5.7	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-5:2000 + A1:2002	5.9	Passed
		5.10	NPD
Vibration resistance	EN 54-5:2000 + A1:2002	5.14 - 5.17	Passed
Humidity resistance	EN 54-5:2000 + A1:2002	5.11, 5.12	Passed
Corrosion resistance	EN 54-5:2000 + A1:2002	5.13	Passed

Electrical stability	EN 54-5:2000 + A1:2002	5.18	Passed
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Passed
Operational reliability	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Passed
		4.6	NPD
Tolerance to supply voltage	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Passed
Vibration resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Passed
Humidity resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Passed
Corrosion resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Passed
Electrical stability	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Passed

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

A gyártó nevében és részéről aláíró személy:

Alelnök, üzleti egység

K+F igazgató, üzleti egység

Grasbrunn , 12.10.2017



0786-CPR-20352_01

Dichiarazione di prestazione

1. Unique identification code of the product-type:
Multisensor Detector FCP-OT320, FCP-OT320-R470
2. Intended use/es:
Prevenzione degli incendi
3. Manufacturer:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. System/s of AVCP:
Sistema 1
5. Harmonised standard:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Notified body/ies:
VdS 0786
6. Declared performance/s

Essential Characteristics	Harmonized Technical Specification	Clause	Performance
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Passed
		5.5, 6.1	NPD
Operational reliability	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Passed
		4.8	NPD
Tolerance to supply voltage	EN 54-5:2000 + A1:2002	5.7	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-5:2000 + A1:2002	5.9	Passed
		5.10	NPD
Vibration resistance	EN 54-5:2000 + A1:2002	5.14 - 5.17	Passed
Humidity resistance	EN 54-5:2000 + A1:2002	5.11, 5.12	Passed
Corrosion resistance	EN 54-5:2000 + A1:2002	5.13	Passed

Electrical stability	EN 54-5:2000 + A1:2002	5.18	Passed
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Passed
Operational reliability	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Passed
		4.6	NPD
Tolerance to supply voltage	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Passed
Vibration resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Passed
Humidity resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Passed
Corrosion resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Passed
Electrical stability	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Passed

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Firmato a nome e per conto di:
Vicepresidente Business Unit
Grasbrunn , 12.10.2017

R&D Manager Business Unit



0786-CPR-20352_01

Eksploatacinių savybių deklaracija

1. Unique identification code of the product-type:
Multisensor Detector FCP-OT320, FCP-OT320-R470
2. Intended use/es:
Gaisrinė sauga
3. Manufacturer:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. System/s of AVCP:
1 sistema
5. Harmonised standard:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Notified body/ies:
VdS 0786
6. Declared performance/s

Essential Characteristics	Harmonized Technical Specification	Clause	Performance
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Passed
		5.5, 6.1	NPD
Operational reliability	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Passed
		4.8	NPD
Tolerance to supply voltage	EN 54-5:2000 + A1:2002	5.7	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-5:2000 + A1:2002	5.9	Passed
		5.10	NPD
Vibration resistance	EN 54-5:2000 + A1:2002	5.14 - 5.17	Passed
Humidity resistance	EN 54-5:2000 + A1:2002	5.11, 5.12	Passed
Corrosion resistance	EN 54-5:2000 + A1:2002	5.13	Passed

Electrical stability	EN 54-5:2000 + A1:2002	5.18	Passed
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Passed
Operational reliability	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Passed
		4.6	NPD
Tolerance to supply voltage	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Passed
Vibration resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Passed
Humidity resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Passed
Corrosion resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Passed
Electrical stability	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Passed

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Pasirašyta (gamintojas ir jo vardu):

Padalinio viceprezidentas

Padalinio mokslinių tyrimų ir technologijų plėtros skyriaus vadovas

Grasbrunn , 12.10.2017



0786-CPR-20352_01

Ekspluatācijas īpašību deklarācija

1. Unique identification code of the product-type:
Multisensor Detector FCP-OT320, FCP-OT320-R470
2. Intended use/es:
Ugunsdrošība
3. Manufacturer:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. System/s of AVCP:
"1" sistēma
5. Harmonised standard:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Notified body/ies:
VdS 0786
6. Declared performance/s

Essential Characteristics	Harmonized Technical Specification	Clause	Performance
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Passed
		5.5, 6.1	NPD
Operational reliability	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Passed
		4.8	NPD
Tolerance to supply voltage	EN 54-5:2000 + A1:2002	5.7	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-5:2000 + A1:2002	5.9	Passed
		5.10	NPD
Vibration resistance	EN 54-5:2000 + A1:2002	5.14 - 5.17	Passed
Humidity resistance	EN 54-5:2000 + A1:2002	5.11, 5.12	Passed
Corrosion resistance	EN 54-5:2000 + A1:2002	5.13	Passed

Electrical stability	EN 54-5:2000 + A1:2002	5.18	Passed
Nominal activation conditions / sensitivity, response delay (response time) and performance under fire conditions	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Passed
Operational reliability	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Passed
		4.6	NPD
Tolerance to supply voltage	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Passed
Durability of operational reliability:			
Temperature resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Passed
Vibration resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Passed
Humidity resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Passed
Corrosion resistance	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Passed
Electrical stability	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Passed

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Ražotāja vārda parakstija:

Uzņēmējdarbības vienības viceprezidents

Uzņēmējdarbības vienības pētniecības un izstrādes vadītājs

Grasbrunn , 12.10.2017



0786-CPR-20352_01

Prestatieverklaring

1. Unieke identificatiecode van het producttype:
Multisensormelder FCP-OT320, FCP-OT320-R470
2. Beoogd(e) gebruik(en):
Brandveiligheid
3. Fabrikant:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. Het systeem of de systemen voor de beoordeling en verificatie van de prestatiebestendigheid:
Systeem 1
5. Geharmoniseerde norm:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Aangemelde instantie(s):
VdS 0786
6. Aangegeven prestatie(s):

Essentiële kenmerken	Geharmoniseerde technische specificatie	Clausule	Prestaties
Nominale condities voor activering / gevoeligheid, vertraging (reactietijd) en prestaties in geval van brand	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Voldaan
		5.5, 6.1	NPD
Operationele betrouwbaarheid	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Voldaan
		4.8	NPD
Tolerantie van de voedingsspanning	EN 54-5:2000 + A1:2002	5.7	Voldaan
Duurzaamheid van de operationele betrouwbaarheid:			
Temperatuurbestendigheid	EN 54-5:2000 + A1:2002	5.9	Voldaan
		5.10	NPD
Trillingsbestendigheid	EN 54-5:2000 + A1:2002	5.14 - 5.17	Voldaan
Vochtbestendigheid	EN 54-5:2000 + A1:2002	5.11, 5.12	Voldaan
Corrosiebestendigheid	EN 54-5:2000 + A1:2002	5.13	Voldaan

Elektrische stabiliteit	EN 54-5:2000 + A1:2002	5.18	Voldaan
Nominale condities voor activering / gevoeligheid, vertraging (reactietijd) en prestaties in geval van brand	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Voldaan
Operationele betrouwbaarheid	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Voldaan
		4.6	NPD
Tolerantie van de voedingsspanning	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Voldaan
Duurzaamheid van de operationele betrouwbaarheid:			
Temperatuurbestendigheid	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Voldaan
Trillingsbestendigheid	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Voldaan
Vochtbestendigheid	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Voldaan
Corrosiebestendigheid	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Voldaan
Elektrische stabiliteit	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Voldaan

De prestaties van het hierboven omschreven product zijn conform de aangegeven prestaties. Deze prestatieverklaring wordt in overeenstemming met Verordening (EU) nr. 305/2011 onder de exclusieve verantwoordelijkheid van de hierboven vermelde fabrikant verstrekt.

Ondertekend voor en namens de fabrikant door:

Vice President Business Unit

R&D Manager Business Unit

Grasbrunn , 12.10.2017



0786-CPR-20352_01

Deklaracja właściwości użytkowych

1. Niepowtarzalny kod identyfikacyjny typu wyrobu:
Czujka wielosensorowa FCP-OT320, FCP-OT320-R470
2. Zamierzone zastosowanie lub zastosowania:
Bezpieczeństwo pożarowe
3. Producent:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. System(-y) oceny i weryfikacji stałości właściwości użytkowych:
System 1
5. Norma zharmonizowana:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Jednostka lub jednostki notyfikowane:
VdS 0786
6. Deklarowane właściwości użytkowe:

Główna charakterystyka	Zharmonizowana specyfikacja techniczna	Klauzula	Wynik
Nominalne warunki uruchomienia/czułość, opóźnienie reakcji (czas reakcji) i skuteczność w warunkach pożarowych	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Spełnia wymogi
		5.5, 6.1	NPD
Niezawodność eksploatacyjna	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Spełnia wymogi
		4.8	NPD
Tolerancja napięcia zasilania	EN 54-5:2000 + A1:2002	5.7	Spełnia wymogi
Trwałość niezawodności działania:			
Odporność na działanie temperatury	EN 54-5:2000 + A1:2002	5.9	Spełnia wymogi
		5.10	NPD
Odporność na drgania	EN 54-5:2000 + A1:2002	5.14 - 5.17	Spełnia wymogi
Odporność na wilgoć	EN 54-5:2000 + A1:2002	5.11, 5.12	Spełnia wymogi
Odporność na korozję	EN 54-5:2000 + A1:2002	5.13	Spełnia wymogi

Stabilność elektryczna	EN 54-5:2000 + A1:2002	5.18	Spełnia wymogi
Nominalne warunki uruchomienia/czułość, opóźnienie reakcji (czas reakcji) i skuteczność w warunkach pożarowych	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Spełnia wymogi
Niezawodność eksploatacyjna	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Spełnia wymogi
		4.6	NPD
Tolerancja napięcia zasilania	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Spełnia wymogi
Trwałość niezawodności działania:			
Odporność na działanie temperatury	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Spełnia wymogi
Odporność na drgania	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Spełnia wymogi
Odporność na wilgoć	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Spełnia wymogi
Odporność na korozję	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Spełnia wymogi
Stabilność elektryczna	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Spełnia wymogi

Właściwości użytkowe określonego powyżej wyrobu są zgodne z zestawem deklarowanych właściwości użytkowych. Niniejsza deklaracja właściwości użytkowych wydana zostaje zgodnie z rozporządzeniem (UE) nr 305/2011 na wyłączną odpowiedzialność producenta określonego powyżej.

W imieniu producenta podpisał(-a):

Wiceprezes zarządu, jednostka biznesowa
Grasbrunn , 12.10.2017

Dyrektor ds. badań i rozwoju, jednostka biznesowa



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Declaração de desempenho

1. Código de identificação único do produto-tipo:
Detetor Multissensor FCP-OT320, FCP-OT320-R470
2. Utilização(ões) prevista(s):
Segurança contra incêndio
3. Fabricante:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. Sistema(s) de avaliação e verificação da regularidade do desempenho (AVCP):
Sistema 1
5. Norma harmonizada:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Organismo(s) notificado(s):
VdS 0786
6. Desempenho(s) declarado(s):

Características essenciais	Especificação técnica harmonizada	Cláusula	Desempenho
Condições de ativação nominal/sensibilidade, atraso de resposta (tempo de resposta) e desempenho em condições de incêndio	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Passou
		5.5, 6.1	NPD
Fiabilidade operacional	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Passou
		4.8	NPD
Tolerância à tensão de alimentação	EN 54-5:2000 + A1:2002	5.7	Passou
Durabilidade da fiabilidade operacional:			
Resistência térmica	EN 54-5:2000 + A1:2002	5.9	Passou
		5.10	NPD
Resistência à vibração	EN 54-5:2000 + A1:2002	5.14 - 5.17	Passou
Resistência à humidade	EN 54-5:2000 + A1:2002	5.11, 5.12	Passou

Resistência à corrosão	EN 54-5:2000 + A1:2002	5.13	Passou
Estabilidade elétrica	EN 54-5:2000 + A1:2002	5.18	Passou
Condições de ativação nominal/ sensibilidade, atraso de resposta (tempo de resposta) e desempenho em condições de incêndio	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Passou
Fiabilidade operacional	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Passou
		4.6	NPD
Tolerância à tensão de alimentação	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Passou
Durabilidade da fiabilidade operacional:			
Resistência térmica	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Passou
Resistência à vibração	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Passou
Resistência à humidade	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Passou
Resistência à corrosão	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Passou
Estabilidade elétrica	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Passou

O desempenho do produto identificado acima está em conformidade com o conjunto de desempenhos declarados. A presente declaração de desempenho é emitida, em conformidade com o Regulamento (UE) n.º 305/2011, sob a exclusiva responsabilidade do fabricante identificado acima.

Assinado por e em nome do fabricante por:

Vice-presidente da unidade de negócio

Gestor de I&D da unidade de negócio

Grasbrunn , 12.10.2017



0786-CPR-20352_01

Declarație de performanță

1. Cod unic de identificare al produsului-tip:
Detector multisenzor FCP-OT320, FCP-OT320-R470
2. Utilizare (utilizări) preconizată (preconizate):
Siguranță la incendii
3. Fabricant:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. Sistemul (sistemele) de evaluare și de verificare a constanței performanței:
Sistem 1
5. Standard armonizat:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Organism (organisme) notificat(e):
VdS 0786
6. Performanța (performanțe) declarată (declarate):

Caracteristici esențiale	Specificații tehnice armonizate	Clauză	Performanță
Condiții nominale de activare / sensibilitate, întârzierea răspunsului (timp de răspuns) și performanță în condiții de incendiu	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Reușit
		5.5, 6.1	NPD
Fiabilitate operațională	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Reușit
		4.8	NPD
Toleranță la tensiunea de alimentare	EN 54-5:2000 + A1:2002	5.7	Reușit
Durabilitatea fiabilității operaționale:			
Rezistență la temperatură	EN 54-5:2000 + A1:2002	5.9	Reușit
		5.10	NPD
Rezistență la vibrații	EN 54-5:2000 + A1:2002	5.14 - 5.17	Reușit
Rezistență la umiditate	EN 54-5:2000 + A1:2002	5.11, 5.12	Reușit
Rezistență la coroziune	EN 54-5:2000 + A1:2002	5.13	Reușit

Stabilitate electrică	EN 54-5:2000 + A1:2002	5.18	Reușit
Condiții nominale de activare / sensibilitate, întârzierea răspunsului (timp de răspuns) și performanță în condiții de incendiu	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Reușit
Fiabilitate operațională	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Reușit
		4.6	NPD
Toleranță la tensiunea de alimentare	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Reușit
Durabilitatea fiabilității operaționale:			
Rezistență la temperatură	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Reușit
Rezistență la vibrații	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Reușit
Rezistență la umiditate	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Reușit
Rezistență la coroziune	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Reușit
Stabilitate electrică	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Reușit

Performanța produsului identificat mai sus este în conformitate cu setul de performanțe declarate. Această declarație de performanță este eliberată în conformitate cu Regulamentul (UE) nr. 305/2011, pe răspunderea exclusivă a fabricantului identificat mai sus.

Semnat pentru și în numele producătorului de:

Vicepreședinte unitate operațională
Grasbrunn , 12.10.2017

Manager cercetare și dezvoltare unitate operațională



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Vyhlásenie o parametroch

1. Jedinečný identifikačný kód typu výrobku:
Multisenzorový detektor FCP-OT320, FCP-OT320-R470
2. Zamýšľané použitie/použitia:
Požiarna bezpečnosť
3. Výrobca:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. Systém(-y) posudzovania a overovania nemennosti parametrov:
Systém 1
5. Harmonizovaná norma:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Notifikovaný(-é) subjekt(-y):
VdS 0786
6. Deklarované parametre:

Podstatné vlastnosti	Harmonizované technické špecifikácie	Doložka	Parametre
Menovité podmienky aktivácie/citlivosť, oneskorenie reakcie (čas reakcie) a parametre pri požiari	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Vyhovujúce
		5.5, 6.1	NPD
Prevádzková spoľahlivosť	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Vyhovujúce
		4.8	NPD
Tolerancia voči napájaciemu napätiu	EN 54-5:2000 + A1:2002	5.7	Vyhovujúce
Trvanlivosť prevádzkovej spoľahlivosti:			
Žiaruvzdornosť	EN 54-5:2000 + A1:2002	5.9	Vyhovujúce
		5.10	NPD
Odolnosť voči vibráciám	EN 54-5:2000 + A1:2002	5.14 - 5.17	Vyhovujúce
Odolnosť voči vlhkosti	EN 54-5:2000 + A1:2002	5.11, 5.12	Vyhovujúce
Odolnosť voči korózii	EN 54-5:2000 + A1:2002	5.13	Vyhovujúce

Stabilita prenosu elektrickej energie	EN 54-5:2000 + A1:2002	5.18	Vyhovujúce
Menovité podmienky aktivácie/ citlivosť, oneskorenie reakcie (čas reakcie) a parametre pri požiari	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Vyhovujúce
Prevádzková spoľahlivosť	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Vyhovujúce
		4.6	NPD
Tolerancia voči napájaciemu napätiu	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Vyhovujúce
Trvanlivosť prevádzkovej spoľahlivosti:			
Žiaruvzdornosť	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Vyhovujúce
Odolnosť voči vibráciám	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Vyhovujúce
Odolnosť voči vlhkosti	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Vyhovujúce
Odolnosť voči korózii	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Vyhovujúce
Stabilita prenosu elektrickej energie	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Vyhovujúce

Uvedené parametre výrobku sú v zhode so súborom deklarovaných parametrov. Toto vyhlásenie o parametroch sa v súlade s nariadením (EÚ) č. 305/2011 vydáva na výhradnú zodpovednosť uvedeného výrobcu.

Podpísal(-a) za a v mene výrobcu:
viceprezident obchodnej jednotky

vedúci pracovník oddelenia výskumu a vývoja obchodnej jednotky

Grasbrunn , 12.10.2017



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Declaration of Performance

1. Enotna identifikacijska oznaka tipa proizvoda:
Detektor z več sensorji FCP-OT320, FCP-OT320-R470
2. Predvidena uporaba:
Požarna varnost
3. Proizvajalec:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. Sistemi ocenjevanja in preverjanja nespremenljivosti lastnosti:
Sistem 1
5. Harmonizirani standard:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Priglašeni organi:
VdS 0786
6. Navedene lastnosti:

Bistvene značilnosti	Usklajena tehnična specifikacija	Točka	Zmogljivost
Nazivni pogoji/občutljivost za aktivacijo, zakasnitev odziva (odzivni čas) in zmogljivost v primeru požara	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Preneseno
		5.5, 6.1	NPD
Operativna zanesljivost	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Preneseno
		4.8	NPD
Odstopanje glede na napajalno napetost	EN 54-5:2000 + A1:2002	5.7	Preneseno
Trajnost operativne zanesljivosti:			
Odpornost na temperaturo	EN 54-5:2000 + A1:2002	5.9	Preneseno
		5.10	NPD
Odpornost na tresljaje	EN 54-5:2000 + A1:2002	5.14 - 5.17	Preneseno
Odpornost proti vlagi	EN 54-5:2000 + A1:2002	5.11, 5.12	Preneseno
Odpornost proti koroziji	EN 54-5:2000 + A1:2002	5.13	Preneseno
Električna stabilnost	EN 54-5:2000 + A1:2002	5.18	Preneseno

Nazivni pogoji/občutljivost za aktivacijo, zakasnitev odziva (odzivni čas) in zmogljivost v primeru požara	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Preneseno
Operativna zanesljivost	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Preneseno
		4.6	NPD
Odstopanje glede na napajalno napetost	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Preneseno
Trajnost operativne zanesljivosti:			
Odpornost na temperaturo	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Preneseno
Odpornost na tresljaje	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Preneseno
Odpornost proti vlagi	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Preneseno
Odpornost proti koroziji	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Preneseno
Električna stabilnost	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Preneseno

Lastnosti proizvoda, navedenega zgoraj, so v skladu z navedenimi lastnostmi. Za izdajo te izjave o lastnostih je v skladu z Uredbo (EU) št. 305/2011 odgovoren izključno proizvajalec, naveden zgoraj.

Podpisal za in v imenu proizvajalca:

Poslovna enota podpredsednika

Grasbrunn , 12.10.2017

Poslovna enota vodje za raziskovanje in razvoj



0786-CPR-20352_01

Declaration of Performance

1. Produkttypens unika identifikationskod:
Multisensordetektor FCP-OT320, FCP-OT320-R470
2. Avsedd användning/avsedda användningar:
Brandskydd
3. Tillverkare:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. System för bedömning och fortlöpande kontroll av prestanda:
System 1
5. Harmoniserad standard:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Anmält/anmälda organ:
VdS 0786
6. Angiven prestanda:

Väsentliga egenskaper	Harmoniserade tekniska specifikationer	Artikel	Prestanda
Nominella aktiveringsförhållanden/känslighet, reaktionsfördröjning (svarstid) och prestanda under brandförhållanden	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Godkänt
		5.5, 6.1	NPD
Driftstillförlitlighet	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Godkänt
		4.8	NPD
Matarspänningtolerans	EN 54-5:2000 + A1:2002	5.7	Godkänt
Driftstillförlitlighetens beständighet:			
Temperaturmotstånd	EN 54-5:2000 + A1:2002	5.9	Godkänt
		5.10	NPD
Vibrationsmotstånd	EN 54-5:2000 + A1:2002	5.14 - 5.17	Godkänt
Fuktmotstånd	EN 54-5:2000 + A1:2002	5.11, 5.12	Godkänt
Rostbeständighet	EN 54-5:2000 + A1:2002	5.13	Godkänt

Elektrisk stabilitet	EN 54-5:2000 + A1:2002	5.18	Godkänt
Nominella aktiveringsförhållanden/ känslighet, reaktionsfördröjning (svarstid) och prestanda under brandförhållanden	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Godkänt
Driftstillförlitlighet	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Godkänt
		4.6	NPD
Matarspänningtolerans	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Godkänt
Driftstillförlitlighetens beständighet:			
Temperaturmotstånd	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Godkänt
Vibrationsmotstånd	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Godkänt
Fuktmotstånd	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Godkänt
Rostbeständighet	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Godkänt
Elektrisk stabilitet	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Godkänt

Prestandan för ovanstående produkt överensstämmer med den angivna prestandan. Denna prestandadeklaration har utfärdats i enlighet med förordning (EU) nr 305/2011 på eget ansvar av den tillverkare som anges ovan.

Undertecknat för tillverkaren av:

Direktör affärsområde

R&D Manager affärsområde

Grasbrunn , 12.10.2017



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Performans Beyanı

1. Benzersiz ürün tipi tanımlama kodu:
Çok Sensörlü Dedektör FCP-OT320, FCP-OT320-R470
2. Kullanım amacı:
Yangına karşı koruma
3. Üretici:
Bosch Sicherheitssysteme GmbH
Robert-Bosch-Platz 1
70839 Gerlingen
4. AVCP Sistemi:
Sistem 1
5. Uyumlu hale getirilmiş standartlar:
EN 54-5:2000 + A1:2002
EN 54-7:2000 + A1:2002 + A2:2006
Onaylı kurum:
VdS 0786
6. Beyan edilen performans:

Temel Özellikler	Uyumlu Hale Getirilmiş Teknik Şartname	Madde	Performans
Nominal aktivasyon koşulları / hassasiyet, yanıt gecikmesi (yanıt süresi) ve yangın koşullarında performans	EN 54-5:2000 + A1:2002	4.2 , 4.3 , 5.2 - 5.4, 5.6, 5.8, 6.2	Geçti
		5.5, 6.1	NPD
İşletim güvenilirliği	EN 54-5:2000 + A1:2002	4.4 - 4.7, 4.9 - 4.11	Geçti
		4.8	NPD
Besleme gerilimi toleransı	EN 54-5:2000 + A1:2002	5.7	Geçti
İşletim güvenilirliğinin sürekliliği:			
Sıcaklığa karşı dayanıklılık	EN 54-5:2000 + A1:2002	5.9	Geçti
		5.10	NPD
Titreşime karşı dayanıklılık	EN 54-5:2000 + A1:2002	5.14 - 5.17	Geçti
Neme karşı dayanıklılık	EN 54-5:2000 + A1:2002	5.11, 5.12	Geçti
Paslanmaya karşı dayanıklılık	EN 54-5:2000 + A1:2002	5.13	Geçti
Elektriksel kararlılık	EN 54-5:2000 + A1:2002	5.18	Geçti

Nominal aktivasyon koşulları / hassasiyet, yanıt gecikmesi (yanıt süresi) ve yangın koşullarında performans	EN 54-7:2000 + A1:2002 + A2:2006	4.8, 5.2 , 5.3, 5.4, 5.6, 5.7, 5.18	Geçti
İşletim güvenilirliği	EN 54-7:2000 + A1:2002 + A2:2006	4.2 - 4.5, 4.7, 4.9 - 4.11	Geçti
		4.6	NPD
Besleme gerilimi toleransı	EN 54-7:2000 + A1:2002 + A2:2006	5.5	Geçti
İşletim güvenilirliğinin sürekliliği:			
Sıcaklığa karşı dayanıklılık	EN 54-7:2000 + A1:2002 + A2:2006	5.8, 5.9	Geçti
Titreşime karşı dayanıklılık	EN 54-7:2000 + A1:2002 + A2:2006	5.13 - 5.16	Geçti
Neme karşı dayanıklılık	EN 54-7:2000 + A1:2002 + A2:2006	5.10, 5.11	Geçti
Paslanmaya karşı dayanıklılık	EN 54-7:2000 + A1:2002 + A2:2006	5.12	Geçti
Elektriksel kararlılık	EN 54-7:2000 + A1:2002 + A2:2006	5.17	Geçti

Yukarıda tanımlanmış ürünün performansı beyan edilen performansa uygundur. İşbu performans beyanı, (EU) No 305/2011 düzenlemesi uyarınca, yalnızca yukarıda tanımlanan üreticinin sorumluluğunda düzenlenmiştir.

Üretici adına ve namına imzalayan:

Başkan Yardımcısı İş Birimi

Grasbrunn , 12.10.2017

ARGE Yöneticisi İş Birimi

