

CERTIFICATE OF CONSTANCY OF PERFORMANCE

1134-CPR-232

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the products Construction Products Regulation or CPR), this certificate applies to the construction product

Manual call point
Hager RFM202D

with the performances listed in annex of this certificate and for the intended use:
Fire safety

manufactured by or for

Hager Security S.A.S.
140 Rue du Pré de l'Orme
38926 Crolles
France

and produced in the manufacturing plant(s)

IMS
Schlangenbader
strasse 40
65344 Eltville
Germany

This certificate attests that all provisions concerning the assessment and the verification of constancy performance and the performances described in Annex ZA of the standard(s):

EN 54-11:2001/A1:2005
EN 54-25:2008/AC:2010/AC:2012

under system 1 are applied and that

the product fulfils all prescribed requirements set out above.

This certificate was first issued on 2019-12-05 and remains valid as long as the testing methods and/or for the control of the production in factory included in the harmonized standard, used to evaluate the performances of the declared characteristics, do not change and as neither the product, nor the manufacturing conditions in the plant or the factory production control itself are not modified significantly.

Brussels, 20 January 2020



Secretary General
F. DUVILET

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Annex 1 to the CERTIFICATE CONSTANCY OF PERFORMANCE

1134-CPR-232

| <i>Harmonised technical specification</i> | | EN 54-11:2001 + A1:2005 |
|--|-------------------------------------|----------------------------|
| Essential Characteristics | Performance ^{1) 2)} | Clause |
| <i>Nominal activation conditions / Sensitivity and Performance under fire conditions</i> | | |
| - Alarm condition | pass | 4.3.2 |
| - Indicators for alarm condition | pass | 4.4 |
| - Safety aspects | NPD | 4.7.1 |
| - Protection against accidental operation | pass | 4.7.4 |
| - Operational performance test | pass | 5.2 |
| - Function test | pass | 5.3 |
| <i>Operational reliability</i> | | |
| - Marking and data | pass | 4.2 |
| - Normal condition | pass | 4.3.1 |
| - Reset facility | pass | 4.5 |
| - Test facility | pass | 4.6 |
| - Shape, dimensions and colours | pass | 4.7.2 |
| - Symbols and lettering | pass | 4.7.3 |
| - Environment category | pass | 4.7.5 |
| - Additional requirements for software controlled manual call points | pass | 4.8 |
| - Test facility test (operational) | pass | 5.4 |
| - Reliability test (endurance) | pass | 5.5 |
| <i>Durability of operational reliability, temperature resistance</i> | | |
| - Dry heat (operational) | pass | 5.7 |
| - Dry heat (endurance) | NA | 5.8 |
| - Cold (operational) | pass | 5.9 |
| <i>Durability of operational reliability, vibration resistance</i> | | |
| - Shock (operational) | pass | 5.14 |
| - Impact (operational) | pass | 5.15 |
| - Vibration, sinusoidal (operational) | pass | 5.16 |
| - Vibration, sinusoidal (endurance) | pass | 5.17 |
| <i>Durability of operational reliability, humidity resistance</i> | | |
| - Damp heat, cyclic (operational) | pass | 5.10 |
| - Damp heat, cyclic (endurance) | NA | 5.11 |
| - Damp heat, steady state (endurance) | pass | 5.12 |
| - Enclosure protection | pass | 5.19 |

Brussels, 20 January 2020



Secretary General
 T. DOUILLET

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Notified body No. 1134
asbl **ANPI** vzw
Parc Scientifique Fleming - Granbonpré 1
B-1348 Louvain-la-Neuve

| | | |
|---|-------------|------|
| <i>Durability of operational reliability, corrosion resistance</i> | | |
| - Damp heat, cyclic (endurance) | <i>pass</i> | 5.11 |
| - Sulphur dioxide (SO ₂) corrosion (endurance) | <i>pass</i> | 5.13 |
| <i>Durability of operational reliability, electrical stability</i> | | |
| - Variation of supply parameters | <i>pass</i> | 5.6 |
| - Electromagnetic compatibility (EMC), (operational) | <i>pass</i> | 5.18 |
| 1) "NPD" theoretically possible; except for durability of characteristics with declared performance | | |
| 2) "not applicable" for components to which the requirement does not apply | | |

Brussels, 20 January 2020


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| | | |
|---|--|--|
| <i>Durability of operational reliability, Vibration resistance</i> <ul style="list-style-type: none">- Shock (operational)- Impact (operational)- Vibration, sinusoidal (operational)- Vibration, sinusoidal (endurance) | <i>pass</i> <i>pass</i> <i>pass</i> <i>pass</i> | 8.3.16 ^c 8.3.17 8.3.18 8.3.19 |
| <i>Durability of operational reliability, Humidity resistance</i> <ul style="list-style-type: none">- Damp heat, cyclic (operational)- Damp heat, steady state (operational)- Damp heat, steady state (endurance) | <i>pass</i> <i>pass</i> <i>NA</i> | 8.3.12 ^d 8.3.13 ^e 8.3.14 |
| <i>Durability of operational reliability, Corrosion resistance</i> <ul style="list-style-type: none">- SO₂-corrosion (endurance) | <i>pass</i> | 8.3.15 ^c |

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CERTIFICAT DE CONSTANCE DES PERFORMANCES

1134-CPR-232

Conformément au Règlement 305/2011/EU du Parlement européen et du Conseil du 9 mars 2011 (le Règlement des Produits de la Construction ou CPR), ce certificat s'applique au produit de construction

Déclencheur manuel d'alarme Hager RFM202D

dont les performances sont listées en annexe et pour l'usage prévu:
Sécurité incendie

fabriqué par ou pour

Hager Security S.A.S.
140 Rue du Pré de l'Orme
38926 Crolles
France

et fabriqué dans l'(les) établissement(s) de fabrication

IMS
Schlangenbader
strasse 40
65344 Eltville
Germany

Ce certificat atteste que toutes les dispositions concernant l'évaluation et la vérification de la constance des performances et les performances décrites dans l'annexe ZA de la norme (des normes):

EN 54-11:2001/A1:2005
EN 54-25:2008/AC:2010/AC:2012

sous le système 1 sont appliquées et que

**le produit satisfait à toutes les exigences prescrites
mentionnées ci-dessus.**

Ce certificat a été émis pour la première fois le 2019-12-05 et reste valable aussi longtemps que les méthodes d'essai et/ou pour le contrôle de la production en usine reprises dans la norme harmonisée, utilisées pour évaluer les performances des caractéristiques déclarées, ne changent pas et pour autant que ni le produit, ni les conditions de fabrication dans l'établissement de fabrication ne soient modifiés de manière significative.

Bruxelles, 20 janvier 2020



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Annexe 1 au CERTIFICAT DE CONSTANCE DES PERFORMANCES

1134-CPR-232

| Harmonised technical specification | | EN 54-11:2001 + A1:2005 |
|--|------------------------------------|------------------------------------|
| Essential Characteristics | Performance^{1) 2)} | Clause |
| <i>Nominal activation conditions / Sensitivity and Performance under fire conditions</i> | | |
| - Alarm condition | pass | 4.3.2 |
| - Indicators for alarm condition | pass | 4.4 |
| - Safety aspects | NPD | 4.7.1 |
| - Protection against accidental operation | pass | 4.7.4 |
| - Operational performance test | pass | 5.2 |
| - Function test | pass | 5.3 |
| <i>Operational reliability</i> | | |
| - Marking and data | pass | 4.2 |
| - Normal condition | pass | 4.3.1 |
| - Reset facility | pass | 4.5 |
| - Test facility | pass | 4.6 |
| - Shape, dimensions and colours | pass | 4.7.2 |
| - Symbols and lettering | pass | 4.7.3 |
| - Environment category | pass | 4.7.5 |
| - Additional requirements for software controlled manual call points | pass | 4.8 |
| - Test facility test (operational) | pass | 5.4 |
| - Reliability test (endurance) | pass | 5.5 |
| <i>Durability of operational reliability, temperature resistance</i> | | |
| - Dry heat (operational) | pass | 5.7 |
| - Dry heat (endurance) | NA | 5.8 |
| - Cold (operational) | pass | 5.9 |
| <i>Durability of operational reliability, vibration resistance</i> | | |
| - Shock (operational) | pass | 5.14 |
| - Impact (operational) | pass | 5.15 |
| - Vibration, sinusoidal (operational) | pass | 5.16 |
| - Vibration, sinusoidal (endurance) | pass | 5.17 |
| <i>Durability of operational reliability, humidity resistance</i> | | |
| - Damp heat, cyclic (operational) | pass | 5.10 |
| - Damp heat, cyclic (endurance) | NA | 5.11 |
| - Damp heat, steady state (endurance) | pass | 5.12 |
| - Enclosure protection | pass | 5.19 |
| <i>Durability of operational reliability, corrosion resistance</i> | | |
| - Damp heat, cyclic (endurance) | pass | 5.11 |
| - Sulphur dioxide (SO ₂) corrosion (endurance) | pass | 5.13 |

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|--|-------------|------|
| <i>Durability of operational reliability, electrical stability</i> | | |
| - <i>Variation of supply parameters</i> | <i>pass</i> | 5.6 |
| - <i>Electromagnetic compatibility (EMC), (operational)</i> | <i>pass</i> | 5.18 |
| 3) <i>"NPD" theoretically possible; except for durability of characteristics with declared performance</i> | | |
| 4) <i>"not applicable" for components to which the requirement does not apply</i> | | |

Bruxelles, 20 janvier 2020


a.i.
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Annexe 2 au CERTIFICAT DE CONSTANCE DES PERFORMANCES

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| Harmonised technical specification | EN 54-25: 2008 + AC:2010 + AC:2012 | |
|--|---|---------------------|
| Essential Characteristics | Performance 1) 2) | Clause |
| <i>Performance parameters under fire conditions</i> ^a | | |
| - General | pass | 4.1 |
| - Alarm signal integrity | pass | 4.2.2 |
| - Components requirements | pass | 5.2 |
| - Reproducibility test | pass | 8.3.7 |
| <i>Response delay (response time to fire)</i> ^a | | |
| - Test for alarm signal integrity | pass | 8.2.3 |
| - Test for mutual disturbance between systems of the same manufacturer | pass | 8.2.6 |
| <i>Operational reliability</i> | | |
| - Immunity to site attenuation | pass | 4.2.1 |
| - Identification of the RF linked component | pass | 4.2.3 |
| - Receiver performance | pass | 4.2.4 |
| - Immunity to interference | pass | 4.2.5 |
| - Loss of communication | pass | 4.2.6 |
| - Antenna | pass | 4.2.7 |
| - Power supply equipment | pass | 5.3 |
| - Environmental related requirements | pass | 5.4 |
| - Documentation | pass | 6 |
| - Marking | pass | 7 |
| - Test for immunity to site attenuation | pass | 8.2.2 |
| - Test for identification of RF linked components | pass | 8.2.4 |
| - Test for the receiver performance | pass | 8.2.5 |
| - Test of compatibility with other band users | pass | 8.2.7 |
| - Test for the detection of a loss of communication on a link | pass | 8.2.8 ^b |
| - Test of the antenna | pass | 8.2.9 |
| - General | pass | 8.3.1 |
| - Test schedule for components tests | pass | 8.3.2 |
| - Verification of the service life of the autonomous power source(s) | pass | 8.3.3 |
| - Test for the low power condition fault signal | pass | 8.3.4 |
| - Test for the polarity reversal | NA | 8.3.5 |
| - Repeatability test | pass | 8.3.6 |
| <i>Durability of operational reliability, Temperature resistance</i> | | |
| - Dry heat (operational) | pass | 8.3.9 ^c |
| - Dry heat (endurance) | NA | 8.3.10 ^c |
| - Cold (operational) | pass | 8.3.11 |

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| <i>Durability of operational reliability, Humidity resistance</i> <ul style="list-style-type: none">- Damp heat, cyclic (operational)- Damp heat, steady state (operational)- Damp heat, steady state (endurance) | <i>pass</i> <i>pass</i> <i>NA</i> | 8.3.12 ^d 8.3.13 ^e 8.3.14 |
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