

Declaration of performance

N°: 1134-CPR-RFM202D

- 1) Product family - appellation :
Radio manual call point red
- 2) Product reference :
RFM202D
- 3) Intended use or uses :
Fire protection System
- 4) Name, registered trade name and contact address of the manufacturer:
Hager Security SAS –140 Rue du pré de l’Horme 38920 Crolles – France
- 5) System or systems of assessment and verification of constancy of performance :
System 1
- 6) Name of the notified body which has delivered a certificate: **ANPI Certification**
Identification number of the notified body: **1134**
- 7) Delivery of an European Technical assessment: **NA.**
- 8) Declared performance:

EN54-11:2001 + A1:2006 - Fire detection and Fire alarm - Part 11 : Manual call points	Test result
Product identification with respect to the technical file	Passed
§4.2 Marking and data	Passed
§4.3 - 4.6 Requirements	Passed
§4.7 Construction and design	<i>Fragile element break, into sharp pieces</i>
§4.8 Additional requirements for software cocontrolled manual call point	Passed
§5.2.2.1 Test for non-operation	Passed
§5.2.2.2 Test for operation	Passed
§5.3 - 5.4 Fonction test and Test facility test (on all samples)	Passed
§5.5 Reliability test (endurance)	Passed
§5.6 Variation in supply parameters	Passed
§5.7 Dry heat (operational , 16h)	Passed
§5.9 Cold (operational , 16h)	Passed
§5.10 Damp heat , cyclic (operational, 2 days)	Passed
§5.12 Damp heat , steady state (endurance, 21 days)	Passed
§5.13 SO2 corrosion (endurance, 21 days)	Passed
§5.14 Shock (operationnal) (Mass <= 4.75 kg)	Passed
§5.15 Impact (operational)	Passed
§5.16 Vibration, sinusoidal (operational)	Passed
§5.17 Vibration, sinusoidal (endurance)	Passed
§5.18.a) Electrostatic discharge	Passed
§5.18.b) Radiated electromagnetic fields	Passed
§5.18.c) Conducted disturbances induced by electromagnetic fields	Passed
§5.18.d) Fast transient burst	Passed
§5.18.e) Slow high energy voltage surges	Passed
EN50130-4:2011 Option (fire safety products)	Test result
Supplementary tests to cover all 2011 version requirements (AM)	Passed

EN54-25:2008/AC:2012 Fire detection and fire alarm systems - Components using radio links	Test result
§4 System requirements	Passed
§5.2 Reference verification of products already certified by ANPI	Passed
§5.3 Power supply equipment	Passed
§6-7 Marking and Documentation	Passed
§8.2.2 Test for immunity to site attenuation (per system)	Passed
§8.2.3 Test for alarm signal integrity (per system)	Passed
§8.2.4 Test for identification of RF linked components (per system)	Passed
§8.2.5 Receiver performance test report assessments (per receiver module type)	Passed
§8.2.6 Test for mutual disturb between syst of the same manufact (per system)	Passed
§8.2.7 Test of compatibility with other band users (per system)	Passed
§8.2.8 Test for the detection of a loss of communication on a link (per system)	Passed
§8.2.9 Test of the antenna	Passed
§8.3.6 Repeatability test	Passed
§8.3.8 Variation in supply voltage	Passed
§8.3.11 Cold (operational, 16h00)	Passed
§8.3.13 Damp heat, steady state (operational, 4 days)	Passed
§8.3.14 Damp heat, steady state (endurance, 21 days)	Passed
§8.3.17 Impact (operational)	Passed
§8.3.18 Vibration, sinusoidal (operational)	Passed
§8.3.19 Vibration, sinusoidal (endurance)	Passed
§8.3.20.2.a) electrostatic discharge	Passed
§8.3.20.2.b) radiated electromagnetic fields	Passed
§8.3.20.2.c) conducted disturbances induced by electromagnetic fields	Passed

NPD = no performance determined / NA = not applicable

9) The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Place and date of issue: **Crolles 29th of July 2019**

Signature:

Signer Name : **Jean Michel Bouchet**

Position: **Product Certification and Regulation Manager**

