

Declaration of Performance

According to Construction Product Registration EU No. 305/2011

DoP_1520Ab1224_en

1. Unique identification code of the product type:

Conventional, Spectrex SharpEye 20/20Q Flame Detector

20/20Q

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

Conventional, Spectrex SharpEye 20/20Q Flame Detector

20/20Q

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

Automatic fire detector and fire alarm system

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

Rosemount Inc., 6021 Innovation Boulevard, Shakopee, 55379 MN, USA
&
Spectronix Ltd., 8 Kehilat Milano, Sderot 8714508, Israel

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

Rosemount Inc., 6021 Innovation Boulevard, Shakopee, MN 55379, USA

6. System of systems of assessment and certification of constancy of performance of the construction product as set out in CPR, Annex V:

System 1

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

EN54-10:2002 + A1:2005

FM Approval Europe Limited, notified body No. 2809, performed type testing and the initial inspection of the manufacturing plant and of the factory production control and the continuous surveillance, assessment, and evaluation of the factory production control, and issued the certificate of constancy of conformity of the factory production control.

2809-CPR-E0040

8. Declared performance

Essential Characteristics	Performance	Harmonized technical specification EN54-10:2002 + A1:2005 Clauses
Operational wavelength band(s)	IR	3.1, 3.3
Normal activation conditions / sensitivity: - Classification	Pass Class 1, 3	5.2 to 5.6, 4.2
Operational reliability: -Monitoring of detachable detectors	Pass Not detachable	4.3, 4.4, 4.6 to 4.9 4.5
Tolerance to supply voltage; variation in supply	Pass	5.16
Durability of operational reliability; temperature resistance:	Pass	5.7, 5.8
Durability of operational reliability; humidity resistance:	Pass	5.9, 5.10
Durability of operational reliability; corrosion resistance:	Pass	5.11
Durability of operational reliability; vibration resistance:	Pass	5.12 to 5.15
Durability of operational reliability; electrical stability:	Pass	5.17

9. The product's performance 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.

Approved By:



Date: December 2024