

Declaration of Performance

According to Construction Products Regulation (EU) 305/2011 No. 2013 – DEC1207

[1] Unique identification code of the product-type:

X3301 Multispectrum Infrared Flame Detector

[2] Type, batch, serial number or any other element allowing identification of the construction product as required by Article 11(4):

Model X3301 Series

[3] *Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:*

Infrared flame detector for use in fire detection and fire alarm systems

[4] Name, registered trade name or trade mark and contact address of the manufacturer as required pursuant to Article 11(5):

Detector Electronics Corporation (Det-Tronics)
6901 West 110th Street
Minneapolis, MN 55348 USA

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

Not applicable

[6] System(s) 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 a harmonized standard:

VdS Schadenverhütung GmbH, 0786
***BRE Global Limited & LPCB, 0832**
***Applicable to EQP Model(s) only**

performed type testing and the initial inspection of the manufacturing plant and of factory production control with continuous surveillance, assessment and approval of the factory production control under system 1 and issued following certificate of constancy of performance:

0786 - CPD - 20453
***0832 - CPD - 1381**
***Applicable to EQP Model(s) only**

[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	Performance	Harmonized technical specification	
		EN54-10:2002 / A1	*EN54-17:2005 / AC:2007
Operational reliability	passed	5.2 to 5.6	5.2
Durability of operational reliability: temperature resistance	passed	5.7, 5.8	5.4, 5.5
Durability of operational reliability: humidity resistance	passed	5.9, 5.10	5.6, 5.7
Durability of operational reliability: corrosion resistance	passed	5.11	5.8
Durability of operational reliability: vibration resistance	passed	5.12 to 5.15	5.9 to 5.12
Durability of operational reliability: electrical stability	passed	5.16, 5.17	5.3, 5.13

**Applicable to EQP Model(s) only*

[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:

Approvals Engineering Manager

Jon Miller

Signature: Jon D. Miller

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