

According to Construction Products Regulation EU N° 305/2011

N° 0786-CPD-20214

1. Unique Product identification code:

ECO - Smoke detectors – Line detectors using an optical beam

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

MODEL : ECO ES 25-I ; ES50; ES80; ES100

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

SMOKE DETECTORS – Line Detector using an Optical Beam for use in fire detection and fire alarm systems installed in and around buildings.

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

SETRONIC VERONA SRL

VIA F. DA LEVANTO 14/B -37138 VERONA - ITALY

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

Not Applicable

6. System or systems 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 the harmonized standard:

Notified Body, VdS Schadenverhütung GmbH, Amsterdamer Str. 174, 50735 Köln, Germany

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:

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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:

All requirements incl. all essential characteristics and corresponding performances as described in the harmonised technical specifications

EN54-12:2002

for the intended use or uses indicated in point 3 above have been determined.

DECLARATION OF PERFORMANCE

EN 54-12:2002


Essential Characteristics	Performance	Clause
<i>Nominal activation conditions / sensitivity</i>		
- <i>On-site adjustment of response threshold value</i>	<i>pass</i>	4.5
- <i>Limit of compensation</i>	<i>pass</i>	4.8
- <i>Fault signalling</i>	<i>pass</i>	4.10
- <i>Reproducibility</i>	<i>pass</i>	5.2
- <i>Directional dependence</i>	<i>pass</i>	5.4
- <i>Slow changes in attenuation</i>	<i>pass</i>	5.7
- <i>Optical path length dependence</i>	<i>pass</i>	5.8
- <i>Fire sensitivity</i>	<i>pass</i>	5.9
- <i>Stray light</i>	<i>pass</i>	5.10
<i>Response delay (response time)</i>		
- <i>Repeatability</i>	<i>pass</i>	5.3
- <i>Rapid changes in attenuation</i>	<i>pass</i>	5.6
<i>Operational reliability</i>		
- <i>Connection of ancillary devices</i>	<i>pass</i>	4.3
- <i>Manufacturer's adjustments</i>	<i>pass</i>	4.4
- <i>Protection against the ingress of foreign bodies</i>	<i>pass</i>	4.6
- <i>Monitoring of detachable detectors and connections</i>	<i>pass</i>	4.7
- <i>Additional requirements for software controlled detectors</i>	<i>pass</i>	4.9
- <i>Electromagnetic compatibility (EMC), immunity tests (operational)</i>	<i>pass</i>	5.16
- <i>Impact (operational)</i>	<i>pass</i>	5.18

DECLARATION OF PERFORMANCE

<i>Tolerance to supply voltage</i> - <i>Variation of supply parameters</i>	<i>pass</i>	<i>5.5</i>
<i>Performance under fire conditions</i> - <i>Individual alarm indication</i>	<i>pass</i>	<i>4.2</i>
<i>Durability of operational reliability, temperature resistance</i> - <i>Dry heat (operational)</i>	<i>pass</i>	<i>5.11</i>
- <i>Cold (operational)</i>	<i>pass</i>	<i>5.12</i>
<i>Durability of operational reliability, vibration resistance</i> - <i>Vibration, (endurance)</i>	<i>pass</i>	<i>5.15</i>
<i>Durability of operational reliability, humidity resistance</i> - <i>Damp heat, steady state (operational)</i>	<i>pass</i>	<i>5.13</i>
- <i>Damp heat, steady state (endurance)</i>	<i>pass</i>	<i>5.14</i>
<i>Durability of operational reliability, corrosion resistance</i> - <i>Sulphur dioxide (SO2) corrosion (endurance)</i>	<i>pass</i>	<i>5.17</i>

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:

President


Place and date of issue
 VERONA, 01/07/2013

This declaration certifies the constancy of performance to the specified standard but does not imply any warranty for properties. The safety documentation accompanying the product shall be considered in detail.