

According to Construction Products Regulation EU N° 305/2011

N° 0786-CPR-20925

1. *Unique Product identification code:*

**ILIA - 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: ERHS0712 – ERRHS0712 – ERRHS0712OZ - CSRLS-2 – CSRLS-DUST – CSRLS-DUST- PRO – CSRLS-OZ -SSMP-C**

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 MILANO 13 -37024 ARBIZZANO DI NEGRAR (VR) - 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 - EN54-17: 2005/ AC:2007**

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

## DECLARATION OF PERFORMANCE

### EN 54-12:2002

<b>Essential Characteristics</b>	<b>Performance</b>	<b>Clause</b>
<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

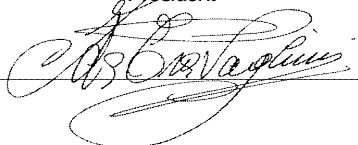
<b>Essential Characteristics</b>	<b>Performance</b>	<b>Clause</b>
<i>Tolerance to supply voltage</i>  - <i>Variation of supply parameters</i>	<i>pass</i>	5.5
<i>Performance under fire conditions</i>  - <i>Individual alarm indication</i>	<i>pass</i>	4.2
<i>Durability of operational reliability, temperature resistance</i>  - <i>Dry heat (operational)</i>  - <i>Cold (operational)</i>	<i>pass</i>  <i>pass</i>	5.11  5.12
<i>Durability of operational reliability, vibration resistance</i>  - <i>Vibration, (endurance)</i>	<i>pass</i>	5.15
<i>Durability of operational reliability, humidity resistance</i>  - <i>Damp heat, steady state (operational)</i>  - <i>Damp heat, steady state (endurance)</i>	<i>pass</i>  <i>pass</i>	5.13  5.14
<i>Durability of operational reliability, corrosion resistance</i>  - <i>Sulphur dioxide (SO<sub>2</sub>) corrosion (endurance)</i>	<i>pass</i>	5.17

## DECLARATION OF PERFORMANCE

Essential characteristics	Performance	Harmonised technical specification
		EN54-17: 2005/ AC:2007
Performance under fire conditions	passed	5.2
Operational reliability	passed	4
Durability of operational reliability; temperature resistance	passed	5.4, 5.5
Durability of operational reliability; vibration resistance	passed	5.9 to 5.12
Durability of operational reliability; humidity resistance	passed	5.6, 5.7
Durability of operational reliability; corrosion resistance	passed	5.8
Durability of operational reliability; electrical stability	passed	5.3, 5.13 (a,b,c,d,e)
Vibration endurance	passed	5.12

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*

ARBIZZANO, 28/11/2016

*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.*