

# CERTIFICATE OF CONSTANCY OF PERFORMANCE

**0905-CPR-00211**

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product(s)

**Product(s):** HD912 Range of Conventional Heat Detectors  
(refer to attached appendix for details and conditions)

**Placed on the market under the name or trade mark of:** Ningbo Sentek Electronics Co. Limited  
448 Yingchun Road, Wangchun Industrial Park  
Ningbo City, 315175  
P. R. China

**and produced in the manufacturing plant(s):** Ningbo Sentek Electronics Co. Limited (SG- 16197)  
448 Yingchun Road, Wangchun Industrial Park  
Ningbo City, 315175  
P. R. China

**Intended use:** Fire Safety

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s):

**EN 54-5:2000+A1:2002**

Under System 1 for the performance set out in this certificate are applied and that the performance of the construction product is assessed to remain constant.

This certificate was first issued under **0359-CPR-00211** on **2012-12-02** and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

**Notified Body**  
**0905**

**Certification Manager:** Dipl.-Ing. Bernhard Miedtank **Date Issue:** 2020-12-09

**Issue:** 1

**Signature:**

  
96981



This Certificate is for the exclusive use of Intertek's client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Certificate. Only the Client is authorized to permit copying or distribution of this Certificate and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek.



# CERTIFICATE OF CONSTANCY OF PERFORMANCE

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## APPENDIX TO: Certificate of Constancy of Performance 0905-CPR-00211

The details and conditions of use for the Class A2 Conventional Heat Detector , placed on the market under the name or trade mark of:

**Ningbo Sentek Electronics Co. Limited**  
448 Yingchun Road, Wangchun Industrial Park  
Ningbo City, 315175  
P. R. China

To be used in accordance with the supplier's installation instructions and in conjunction with the following bases, ancillaries, sounder tones and sensitivity settings (*where applicable*):

**Products compliant with EN 54-5:2000+A1:2002**

Model	Manufacturing Location	Description
HD912-2	SG-16197	Class A2 Conventional 2 Wire Heat Detector
HD912-2L	SG-16197	Class A2 Conventional 2 Wire Heat Detector with Remote LED Output
HD912-4(12V)	SG-16197	Class A2 Conventional 4 Wire Heat Detector with 12VDC Relay Output
HD912-4(24V)	SG-16197	Class A2 Conventional 4 Wire Heat Detector with 24VDC Relay Output

### Bases:

Variant	Description
852001	Base Assembly for use with model HD912-2
854001	Base Assembly for use with model HD912-2L, HD912-4(12V) and HD912-4(24V)

### Conditions of use:

Suitable for indoor applications

### General Notes:

1. Evaluated under Intertek project number 100909837.
2. No CE or other type approval is made or inferred outside of the attestation of conformity and the product performance as stipulated on this certificate.

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<i>Table of performance for EN54-5:2000+A1:2002</i>			
<b>Harmonised technical specification</b>			
<b>Essential characteristics</b>	<b>Performance</b>	<b>Clauses</b>	<b>Notes</b>
Nominal activation conditions/Sensitivity, Response delay (response time) and Performance under fire conditions	Pass	4.2, 4.3, 5.2 to 5.6, 5.8, 6.1, 6.2	a, b
Operational reliability	Pass	4.4 to 4.11	c
Tolerance to supply voltage	Pass	5.7	
Durability of operational reliability and response delay; temperature resistance	Pass	5.9, 5.10	a
Durability of operational reliability; vibration resistance	Pass	5.14 to 5.17	
Durability of operational reliability; humidity resistance	Pass	5.11, 5.12	
Durability of operational reliability; corrosion resistance	Pass	5.13	
Durability of operational reliability; electrical stability	Pass	5.18	
<b>Notes:</b>			
<p>a. <i>Clauses 5.5 and 5.10 are not applicable to Class A1 and Class A2 detectors.</i></p> <p>b. <i>Clauses 6.1 and 6.2 are only applicable to suffix S and suffix R detectors.</i></p> <p>c. <i>The manufacturer declared that the HD912 range of detectors did not rely on software to fulfill the requirements of the standard; Clause 4.11 has therefore not been assessed.</i></p>			

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