



CERTIFICATE NUMBER

0607009

# EC Declaration of Conformity

In accordance with EN ISO/IEC 17050-1:2004

WE DIGITAL SECURITY CONTROLS, A DIVISION OF  
 TYCO SAFETY PRODUCTS CANADA LTD.  
 OF 95 BRIDGELAND AVENUE, TORONTO, ONTARIO, CANADA M6A 1Y7  
 DECLARE UNDER OUR SOLE RESPONSIBILITY THAT:  
 EQUIPMENT **WIRELESS SMOKE DETECTOR**  
 MODEL NUMBER **DSC WS4916EU (UA328 REV F)**  
**FREQUENCY 433.92 MHZ**

IN ACCORDANCE WITH THE FOLLOWING DIRECTIVES:

2006/95/EC THE LOW VOLTAGE DIRECTIVE  
 2004/108/EC THE ELECTROMAGNETIC COMPATIBILITY DIRECTIVE  
 99/05/EEC THE R&TTE DIRECTIVE (AND ITS AMENDING DIRECTIVES)  
 89/106/EEC THE CONSTRUCTION PRODUCTS DIRECTIVE  
 2011/65/EU RoHS2 DIRECTIVE

HAS BEEN DESIGNED AND MANUFACTURED TO THE FOLLOWING SPECIFICATIONS:

EN14604 :2005/AC :2008  
 CEA 4021:2003  
 EN 61000-6-3: 2007 + A11 :2011 Class B  
 EN 50130-4 :2011  
 EN 300 220-2 V2.4.1  
 EN 300 220-1 V2.4.1  
 EN 301 489-1 V1.9.2  
 EN 301 489-3 V1.6.1  
 EN 60950-1: 2006+AC: 2011

NOTIFICATION BODY ANPI EC-CERTIFICATE OF CONFORMITY 1134-CPR-120

I HEREBY DECLARE THAT THE EQUIPMENT NAMED ABOVE HAS BEEN DESIGNED TO COMPLY WITH THE RELEVANT SECTIONS OF THE ABOVE REFERENCED SPECIFICATIONS. THE UNIT COMPLIES WITH ALL ESSENTIAL REQUIREMENTS OF THE DIRECTIVES WHEN INSTALLED AND USED AS PER MANUFACTURER'S INSTRUCTIONS.



SIGNED BY:

NAME: DAN NITA

POSITION: MANAGER, APPROVALS SERVICES

DONE AT VAUGHAN, ONTARIO, CANADA

UPDATED ON 06/05/2014



## DECLARATION OF PERFORMANCE

acc. to (EU) Nr. 305/2011 (Construction Products Regulation)

DOP No.: 1134-CPD-001

1. Unique identification code of the product-type **DSC WS4916EU**

2. Type, batch, serial number or any other element allowing identification of the construction product as required by Article 11(4):  
Part No(s):

**DSC WS4916EU (UA328 REV F)**

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

Point type heat detector and smoke detector for use in fire detection and fire alarm systems installed in and around buildings.

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

DIGITAL SECURITY CONTROLS A DIVISION OF TYCO SAFETY PRODUCTS CANADA LTD  
3301 LANGSTAFF ROAD  
CONCORD, ONTARIO  
CANADA L4K 4L2

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks 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 a harmonised standard:

**ANPI (1134)**

performed type testing and the initial inspection of the manufacturing plant and of the factory production control with continuous surveillance, assessment and approval of factory production control under system 1 and issued following certificate(s) of constancy of performance or - according to the transitional provision - an EC certificate of conformity:

**1134-CPD-001**

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 including all essential characteristics and corresponding performances have been determined as described in:

**EN14604: 2005/AC: 2008**



Essential Characteristics	Performance	Harmonised technical specification EN 14604
Operational reliability	Passed	4.1 to 4.11, 4.13 to 4.17, 4.19, 5.11, 5.16, 5.22 to 5.24
Nominal activation conditions/ Sensitivity, Response delay (response time) and Performance under fire condition	Passed	4.12, 4.18, 5.2 to 5.6, 5.15 to 5.20
Tolerance to supply voltage	Passed	5.21
Durability of operational reliability and response delay, temperature resistance	Passed	5.7, 5.8
Durability of operational reliability, vibration resistance	Passed	5.12, 5.13
Durability of operational reliability, humidity resistance	Passed	5.9
Durability of operational reliability, corrosion resistance	Passed	5.10
Durability of operational reliability, electrical stability	Passed	5.14

**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 BY:  
NAME: DAN NITA  
POSITION: MANAGER, APPROVALS SERVICES  
DONE AT CONCORD, ONTARIO, CANADA  
UPDATED ON 15/11/2013



**Notified body No. 1134**  
asbl **ANPI** vzw  
Parc Scientifique Fleming - Granbonpré 1  
B-1348 Louvain-la-Neuve

## **CERTIFICATE OF CONSTANCY OF PERFORMANCE**

**1134 - CPR - 120**

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the products Construction Products Regulation or CPR), this certificate applies to the construction product:

### **Optical Smoke Alarm Device DSC WS4916 EU**

(EU = additional code for European models)

**(Conventional detector)**

### **Variants: WS8916, WS4926 EU**

(6 V lithium replaceable battery)

with the performances listed in annex 1 of the EC certificate of constancy of performance and intended use: Fire safety

**manufactured by:**

**DIGITAL SECURITY CONTROLS LTD**  
3301 Langstaff Road  
Concord, ONTARIO L4K 4L2  
CANADA

**and produced in the manufacturing plant(s):**

**TYCO FIRE & INTEGRATED SOLUTIONS s.r.o.**  
Trading as Tyco Fire Protection Products  
Osvobozeni 363 – 679 02 RAJECKO  
CZECH REPUBLIC

This certificate attests that all provisions concerning the assessment and the verification of constancy performance at system 1 being certified and the performances described in Annex ZA of the standard(s):

**EN 14604:2005/AC:2008**

are applied and that

**the product fulfils to all here above mentioned and prescribed requirements.**

This certificate was first issued on **2014-04-10** and remains valid as a long time as the testing methods and/or for the control of the production in factory included in the harmonized standard, used to evaluate the performances of the declared characteristics, do not change and as neither the product, nor the manufacturing conditions in the plant or the factory production control itself are not modified significantly.

**Brussels, the 10<sup>th</sup> of April, 2014**

  
**Michèle VANDENDOREN**  
**Secretary General**



Notified body No. 1134  
asbl ANPI vzw  
Parc Scientifique Fleming - Granbonpré 1  
B-1348 Louvain-la-Neuve

## Annex 1 to CERTIFICATE CONSTANCY OF PERFORMANCE

### 1134 - CPR – 120

<i>Harmonised technical specification</i>		EN 14604: 2005 AC: 2008
<i>Essential Characteristics</i>	<i>Performance</i> 1) 2)	<i>Clause</i>
<i>Nominal activation conditions / sensitivity / Response delay (response time) and performance under fire conditions</i>		
- Smoke alarm signals	pass	4.12
- Inter-connectable smoke alarms	NA	4.18
- Repeatability	pass	5.2
- Directional dependence	pass	5.3
- Initial sensitivity	pass	5.4
- Air movement	pass	5.5
- Dazzling	pass	5.6
- Fire sensitivity	pass	5.15
- Sound output	pass	5.17
- Sounder durability	pass	5.18
- Inter-connectable smoke alarms	NA	5.19
- Alarm silence facility	NA	5.20
<i>Operational reliability</i>		
- Compliance	pass	4.1
- Individual alarm indicator	pass	4.2
- Mains-on indicator	NA	4.3
- Connection of external ancillary devices	NA	4.4
- Means of calibration	NA	4.5
- User replaceable components	NA	4.6
- Normal power source	pass	4.7
- Standby power source	NA	4.8
- Electrical safety requirements	pass	4.9
- Routine test facility	pass	4.10
- Terminals for external conductors	NA	4.11
- Battery removal indication	pass	4.13
- Battery connections	pass	4.14
- Battery capacity	pass	4.15
- Protection against the ingress of foreign bodies	pass	4.16
- Additional requirements for software controlled smoke alarms/	NA	4.17
Marking and data	pass	4.19
- Impact	pass	5.11
- Battery fault warning	pass	5.16
- Battery reversal	NA	5.22
- Back-up power source	NA	5.23

Brussels, the 10<sup>th</sup> of April, 2014

  
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Secretary General



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- <i>Electrical safety – assessment and testing to determine the adequacy of personal protection against hazardous currents passing through the human body (electric shock), excessive temperature and the start and spread of fire</i>	<i>pass</i>	5.24
<i>Tolerance to supply voltage</i> - <i>Variation in supply voltage</i>	<i>pass</i>	5.21
<i>Durability of operational reliability and response delay,</i> - <i>Dry heat</i> - <i>Cold (operational)</i>	<i>pass</i> <i>pass</i>	5.7 5.8
<i>Durability of operational reliability, vibration resistance</i> - <i>Vibration (operational)</i> - <i>Vibration (endurance)</i>	<i>pass</i> <i>pass</i>	5.12 5.13
<i>Durability of operational reliability, humidity resistance</i> - <i>Damp heat (operational)</i>	<i>pass</i>	5.9
<i>Durability of operational reliability, corrosion resistance</i> - <i>Sulphur dioxide (SO<sub>2</sub>) corrosion</i>	<i>pass</i>	5.10
<i>Durability of operational reliability, electrical stability</i> - <i>Electromagnetic compatibility (EMC), immunity (operational)</i>	<i>pass</i>	5.14
1) "NPD" theoretically possible; except for durability of characteristics with declared performance		
2) "NA" not applicable for components to which the requirement does not apply		

**Brussels, the 10<sup>th</sup> of April, 2014**

  
**Michèle VANDENDOREN**  
**Secretary General**