



## Construction Products Regulations (305/2011/EU – CPR)

### Declaration of Performance – 25990

#### 1. Unique identification code of the product type: Xtralis VESDA VLF

Models:

VLF-250-xx      250m<sup>2</sup> coverage variant  
VLF-500-xx      500m<sup>2</sup> coverage variant  
(where xx indicates the decal language)

French versions:

VLF-250-01NF      250m<sup>2</sup> coverage variant  
VLF-500-01NF      500m<sup>2</sup> coverage variant

Options:

VIC-010      VESDAnet network card  
VIC-020      Multifunction control card  
VIC-030      Multifunction control card

Remote Units:

VRT-100      Remote Programmer  
VRT-300      VESDAnet socket  
VRT-V00      Remote VLF display unit (with 7 relays)  
VRT-W00      Remote VLF display unit (no relays)  
VRT-500      Remote relay unit (with 7 relays)  
VSR-xxxx      These remote units may be rack mounted

Ancillaries:

E700-FILASSY      In line filter  
VSP-850      In line filter

#### 2. Intended use:

Aspirating smoke detectors for use in fire detection and fire alarm systems installed in and around buildings

#### 3. Manufacturer:

Xtralis Pty Ltd  
4 North Drive, Virginia Park  
236-262 East Boundary Road  
Bentleigh East  
Victoria 3165  
Australia

#### 4. European address:

*Xtralis UK Ltd  
 Peoplebuilding  
 Ground Floor  
 Maylands Avenue  
 Hemel Hempstead  
 United Kingdom  
 Herts HP2 4NW*

#### 5. System of assessment of continuity of performance (AVCP): System 1

#### 6. The products are certified to the relevant harmonised standard(s) by:

<i>BRE Certification Limited and LPCB</i>	<i>Notified Body Number: 0832</i>
<i>Bucknalls Lane</i>	
<i>Garston</i>	
<i>Watford</i>	
<i>United Kingdom</i>	
<i>WD25 9XX</i>	

who have performed product type tests, initial inspection and subsequent surveillance of factory production control under system 1 and have issued the following certificates:

- EC Certificate of Conformity Number:     *0832-CPR-F1222 (Australia)*  
                                                            *0832-CPR-F1223 (Malaysia)*

#### 7. European Technical Assessment(s): Not relevant

#### 8. Declared Performance: See next page

#### 9. Declaration:

The performance of the product identified above is in conformity with the declared performances. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified in point 3.

#### Signed for and on behalf of the manufacturer

Name: Samir Samhouri

Position: CEO

Signature:



Date: September 02, 2015

For aspirating smoke detectors the following table applies

Harmonised Technical Specification		EN 54-20:2006
Essential characteristics	Performance	Clause
Nominal activation conditions/sensitivity/response delay and performance under fire conditions:		
Response to slowly developing fires	<i>pass</i>	5.6
Repeatability	<i>pass</i>	6.2
Reproducibility	<i>pass</i>	6.3
Fire sensitivity (Class A, B &/or C)	<i>Class A,B &amp; C<sup>(1)</sup></i>	6.15
Operational reliability:		
Individual alarm indication	<i>pass</i>	5.2
Connection of ancillary devices	<i>pass</i>	5.3
Manufacturer's adjustments	<i>pass</i>	5.4
On-site adjustment of behaviour	<i>pass</i>	5.5
Mechanical strength of the pipework	<i>pass</i>	5.7
Components in the sampling device	<i>pass</i>	5.8
Airflow monitoring	<i>pass</i>	5.9
Power supply	<i>pass<sup>(2)</sup></i>	5.10
Data	<i>pass</i>	5.11
Software controlled detectors	<i>pass</i>	5.12
Tolerance to supply Voltage:		
Variation in supply parameters	<i>pass</i>	6.4
Durability of operational reliability:		
Temperature resistance:		
Dry heat (operational)	<i>pass</i>	6.5
Cold (operational)	<i>pass</i>	6.6
Vibration resistance		
Shock (operational)	<i>pass</i>	6.10
Impact (operational)	<i>pass</i>	6.11
Vibration sinusoidal (operational)	<i>pass</i>	6.12
Vibration sinusoidal (endurance)	<i>pass</i>	6.13
Electrical stability:		
Electromagnetic compatibility (EMC), immunity	<i>pass</i>	6.14
Humidity resistance:		
Damp heat, steady state (operational)	<i>pass</i>	6.7
Damp heat, steady state (endurance)	<i>pass</i>	6.8
Corrosion resistance:		
SO2 corrosion (endurance)	<i>pass</i>	6.9

(1) The class of any pipe/hole configuration and detector sensitivity is determined using ASPIRE2

(2) The detector should be supplied with power from a power supply conforming to EN 54-4