

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

### Declaration of Performance – 25989

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

Models:

VLC-500	VLC relays only (RO) version
VLC-505	VLC VESDAnet (VN) version
VLC-400	VLC Apollo (AP) version
VLC-800	VLC Tyco (MX) version
VLC-700	VLC Esser (EB) version

French versions:

VLC-50000-NF	VLC relays only (RO) version
VLC-50500-NF	VLC VESDAnet (VN) version
VLC-400-NF	VLC Apollo (AP) version
VLC-800-NF	VLC Tyco (MX) version
801519.F0	VLC Esser (EB) version

Remote Units:

VRT-100	Remote Programmer
VRT-300	VESDAnet socket
VRT-J00	Remote VLC display unit (with 7 relays)
VRT-K00	Remote VLC 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  
Herts HP2 4NW*

**5. System of assessment:** System 1

**6. The products are certified to the relevant harmonised standard(s) identified in the table below by:**

*BRE Certification Limited and LPCB  
Bucknalls Lane  
Garston  
Watford  
WD25 9XX*

*Notified Body Number: 0832*

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 Constancy of Performance: *0832-CPR-F1684(Australia)  
0832-CPR-F1679 (Malaysia)*

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

**9. Declaration:**

The performance of the product identified above is in conformity with the declared performance in point 9. This declaration of performance is issued in accordance with Regulation (EU) No 305/2011 under the sole responsibility of the manufacturer identified in 3.

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

Name: Brian A Langkan  
Position: Global Director – Regulatory Compliance  
Signature:   
Date: March 14, 2017

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:		
SO <sub>2</sub> corrosion (endurance)	<i>pass</i>	6.9

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

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