

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

Declaration of Performance – 25986

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

Models:

VLP-012	VLP detector with display & programmer
VLP-002	VLP detector with display
VLP-400	VLP detector with Fire/OK LEDs only
VLP-401	VLP detector with Programmer & Fire/OK LEDs
VLP-100	VLP detector with OEM cover

French versions:

VLP-01200-NF	VLP detector with display & programmer
VLP-00200-NF	VLP detector with display
VLP-00000-NF	VLP detector with Fire/OK LEDs only
VLP-00100-NF	VLP detector with Programmer & Fire/OK LEDs

Remote Units:

VRT-100	Remote Programmer
VRT-200	Remote VLP display unit (with 7 relays)
VRT-300	VESDAnet socket
VRT-500	Remote Relay unit (with 7 relays)
VRT-600	Remote VLP display unit (without 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 of continuity of performance (AVCP): System 1

6. The products are certified to the 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-F1682 (Australia)
0832-CPR-F1677 (Malaysia)*

7. Declared Performance: See next page

10. 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 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 & C⁽¹⁾</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⁽²⁾</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 ₂ 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