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xtralis

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

Declaration of Performance – 26710

1. Unique identification code of the product type: Xtralis VESDA-E VEP

Models:	
VEP-A00	*VESDA-E VEP with LED display only*
VEP-A10	*VESDA-E VEP with 3.5" LCD display including: -P models with plastic enclosures and four pipe inlets, -1P models with plastic enclosure and single pipe limit and -NF models for France*
Remote Units:	
VRT-200	*Remote Display (VLP) with 7 relays*
VRT-300	*VESDAnet socket*
VRT-500	*Remote Relay unit with 7 relays*
VRT-600	*Remote Display (VLP) with no relays*
VRT-X00	*Analytics Relay Module*
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 relevant harmonised standard(s) by:

VdS Schadenverhutung GmbH *Notified Body Number: 0786*
Amsterdamer Str. 174
D-50735 Cologne
Germany

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: *0786-CPR-21347 (Australia)*
  0786-CPR-21346 (Malaysia)

7. Declared Performance: See next page

8. 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: Brian A Langkan

Position: Global Director – Regulatory Compliance

Signature: 

Date: June 20, 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	*pass*	5.6
Repeatability	*pass*	6.2
Reproducibility	*pass*	6.3
Fire sensitivity (Class A, B &/or C)	*Class A,B & C(1)*	6.15
Operational reliability:		
Individual alarm indication	*pass*	5.2
Connection of ancillary devices	*pass*	5.3
Manufacturer's adjustments	*pass*	5.4
On-site adjustment of behaviour	*pass*	5.5
Mechanical strength of the pipework	*pass*	5.7
Components in the sampling device	*pass*	5.8
Airflow monitoring	*pass*	5.9
Power supply	*pass(2)*	5.10
Data	*pass*	5.11
Software controlled detectors	*pass*	5.12
Tolerance to supply Voltage:		
Variation in supply parameters	*pass*	6.4
Durability of operational reliability:		
Temperature resistance:		
Dry heat (operational)	*pass*	6.5
Cold (operational)	*pass*	6.6
Vibration resistance		
Shock (operational)	*pass*	6.10
Impact (operational)	*pass*	6.11
Vibration sinusoidal (operational)	*pass*	6.12
Vibration sinusoidal (endurance)	*pass*	6.13
Electrical stability:		
Electromagnetic compatibility (EMC), immunity	*pass*	6.14
Humidity resistance:		
Damp heat, steady state (operational)	*pass*	6.7
Damp heat, steady state (endurance)	*pass*	6.8
Corrosion resistance:		
SO2 corrosion (endurance)	*pass*	6.9

(1) The class of any pipe/hole configuration and detector sensitivity is determined using ASPIRE-E
(2) The detector should be supplied with power from a power supply conforming to EN 54-4