

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 Schadenverhütung GmbH
Amsterdamer Str. 174
D-50735 Cologne
Germany*

Notified Body Number: 0786

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 | <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-E

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