

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

Declaration of Performance – 32560

1. Unique identification code of the product type: Xtralis VESDA-E (VEA)

Models:

VEA-040-A00	VESDA-E VEA-40 with LED display only
VEA-040-A10	VESDA-E VEA-40 with 3.5" LCD display

Stack (StaX) Modules:

VEA-020-STX	VESDA-E VEA-20 Expansion StaX
VEA-040-STX	VESDA-E VEA-40 Expansion StaX
VER-A40-40-STX	VESDA-E VEA-40 Relay Local StaX

French versions:

VEA-040-A00-NF	VESDA-E VEA-40 with LED display only
VEA-040-A10-NF	VESDA-E VEA-40 with 3.5" LCD display

Stack (StaX) Modules:

VEA-020-STX-NF	VESDA-E VEA-20 Expansion StaX
VEA-040-STX-NF	VESDA-E VEA-40 Expansion StaX
VER-A40-40-STX-NF	VESDA-E VEA 40-Relay Local StaX

Ancillaries:

VSP-980-x	Sampling Point for 6mm Tube
VSP-981-x	Sampling Point for 4mm Tube
VSP-982-x	Surface Mount Sampling Point for 6mm Tube
VSP-983-x	Surface Mount Sampling Point for 4mm Tube

x indicates sampling point colour variant – W = White, B = Black

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:

*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-21537*

7. Declared Performance: See next page

8. Declaration:

The performance of the product identified above is in conformity with the set of 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 Langkan

Position: Global Director – Regulatory Compliance

Signature:



Date: February 22, 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</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 behavior	<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</i> ⁽¹⁾	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 detector should be supplied with power from a power supply conforming to EN 54-4