

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

Declaration of Performance – 35716

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

Models:

VES-A00 VESDA-E VES with LED display only
VES-A10 VESDA-E VES with 3.5" LCD display
including:
-P models with plastic enclosures

Remote Units:

VRT-300 VESDAnet socket
VRT-400 Remote VLS display unit (with 7 relays)
VRT-700 Remote VLS display unit (with no relays)
VRT-800 Remote VLS display unit (with 12 relays)
VRT-900 Remote VLS relays (with 12 relays)
VRT-E00 Remote VLS relays (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:

Pittway Tecnologica Srl.
Via Caboto,
19/3 34147 Trieste,
Italy

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-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: Kishore Chauhan

Position: Sr Advanced Quality Engineer

Signature: 

Date: 24th February 2020

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>npd</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