



DECLARATION OF PERFORMANCE

according to

- Construction Products Regulation 305/2011/ EC

No.: 01CPR2016-30-08

1. Product: **Visual Signalling Devices**
2. Type: **PY X-M-05-SSM; PY X-M-10-SSM**
3. Intended for use in accordance with the applicable harmonised technical specification in:

Fire detection and fire alarm systems in and around buildings

4. Manufacturer:

Pfannenberg GmbH
Werner-Witt-Str. 1
21035 Hamburg - Germany
Tel. +49 40 73412-0
Fax: +49 40 73412-345
Email: info@pfannenberg.com

5. Name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2) :

Thorsten Eickmann
Werner-Witt-Str. 1
21035 Hamburg - Germany
Tel. +49 40 73412-219
Fax: +49 40 73412-102
Email: Thorsten.Eickmann@pfannenberg.com

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 1

7. Notified Certification Body: VdS, 0786
EC-Certificate of Conformity: 0786-CPD-21499

8. Standards: EN54-23:2010

9. Declared performance:

Essential characteristics	Clause	Performance
Operational reliability		
- Duration of operation	4.2.1	Pass
- Provision for external conductors	4.2.2	Pass
- Flammability of materials	4.2.3	Pass
- Enclosure protection	4.2.4	Pass
- Access	4.2.5	Pass
- Manufacturer's adjustments	4.2.6	Pass



0786

Pfannenberg
ELECTRO-TECHNOLOGY FOR INDUSTRY



- On-Site adjustment of behaviour	4.2.7	Pass
- Requirements for software controlled devices	4.2.8	Pass
Performance parameters under fire conditions		
- Coverage volume	4.3.1	Pass
- Variation of light output	4.3.2	Pass
- Minimum and maximum light intensity	4.3.3	Pass
- Light color	4.3.4	Pass
- Light pattern and frequency of flashing	4.3.5	Pass
- Marking and data	4.3.6	Pass
- Synchronisation	4.3.7	Pass
Durability, temperature resistance		
- Dry heat (operational)	4.4.1.1	Pass
- Dry heat (endurance)	4.4.1.2	Pass
- Cold (operational)	4.4.1.3	Pass
Durability, humidity resistance		
- Damp heat, cyclic (operational)	4.4.2.1	Pass
- Damp heat, steady state (endurance)	4.4.2.2	Pass
- Damp heat, cyclic (endurance)	4.4.2.3	Pass
Durability, shock and vibration resistance		
- Shock (operational)	4.4.3.1	Pass
- Impact (operational)	4.4.3.2	Pass
- Vibration, sinusoidal (operational)	4.4.3.3	Pass
- Vibration, sinusoidal (endurance)	4.4.3.4	Pass
Durability, corrosion resistance		
- Sulphur dioxide (SO ₂) corrosion (endurance)	4.4.4	Pass
Durability, electrical stability		
- Electromagnetic compatibility (EMC), immunity (operational)	4.4.5	Pass

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

Signed for and on behalf of the manufacturer by:

Hamburg, August 2016

Rev.Nr.00

Thorsten Eickmann

Technical Director