



# EU-Type Examination Certificate

- [2] EQUIPMENT OR PROTECTIVE SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 2014/34/EU
- [3] EU-Type Examination Certificate Number: Presafe 16 ATEX 8567X Issue 0
- [4] Product: Explosion proof alarm beacon & flashing light – L810-LXS-SS-Ex / L810-LXS-GRP-Ex
- [5] Manufacturer: Combustion and Energy Srl
- [6] Address: Via Per Dolzago, 21  
23848 Oggiono (LC),  
Italy
- [7] This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] DNV Nemko Presafe AS, notified body number 2460, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.  
The examination and test results are recorded in confidential reports listed in section 16.
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with: EN 60079-0:2012/A11:2013 (IEC 60079-0:2011) , EN 60079-1:2014 (IEC 60079-1:2014) and EN 60079-31:2014 (IEC 60079-31:2013)
- [10] If the sign “X” is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.
- [11] This EU - TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.
- [12] The marking of the product shall include the following:

 II 2 G Ex db IIC T4~T6 Gb  
 II 2 D Ex tb IIIC T135°C~T85°C Db

Asle Kaastad  
For DNV Nemko Presafe AS  
Information on electronic signature [www.presafe.com](http://www.presafe.com)



Date of issue: 2016-12-21

*This certificate may only be reproduced in its entirety and without any change, schedule included.*

# EU-Type Examination Certificate

[13]

## Schedule

[14] EU-TYPE EXAMINATION CERTIFICATE No.: Presafe 16 ATEX 8567X Issue 0

[15] **Description of Product**

This certificate covers Beacon light with enclosures made of two different materials. L810-LXS-SS-Ex is stainless steel and L810-LXS-GRP-Ex is GRP. The product is made up of; Main body and front-cover, connected together by a spigot joint. A glass dome is installed in the front-cover by using a cemented joint. Inside the enclosures it is installed different PCB, terminals and light sources.

**Type designation**

L810-LXS-SS-Ex / L810-LXS-GRP-Ex.

**Electrical Data**

Voltage ≤48 VDC, 100~240VAC (50/60Hz), ≤25W

**Degrees of protection (IP Code)**

IP66

**Ambient temperature:**

Product	Ambient temperature	Marking
L810-LXS-SS-Ex / L810-LXS-GRP-Ex	Tamb=-40°C~+70°C	Ex db IIC T4 Gb. Ex tb IIIC T135°C Db
	Tamb=-40°C~+60°C	Ex db IIC T5 Gb. Ex tb IIIC T100°C Db
	Tamb=-40°C~+55°C	Ex db IIC T6 Gb. Ex tb IIIC T85°C Db

**Routine tests**

A routine pressure test according to EN 60079-1 clause 16 shall be carried out on all enclosures with the following pressures:

L810-LXS-SS-Ex	1.2MPa
L810-LXS-GRP-Ex	1,2MPa

[16] Report No.: D0002651

## [17] Specific Conditions of Use

Repairs of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in tables 2 and 3 of EN/IEC 60079-1.

## [18] Essential Health and Safety Requirements

Not applicable

## [19] Drawings and documents

Number	Title	Rev.	Date
2016-07.01 Ex	Name plate Beacon and flashing lights L810-LXS-SS-Ex / L810-LXS-GRP-Ex	0	2016-06-29
2016-07.02-Ex	Drawing and documents	0	2016-06-29

## [20] Certificate History

Issue	Description	Issue date	Report no.
0	Original issue	2016-12-21	D0002651

END OF CERTIFICATE