

EU DECLARATION OF CONFORMITY

N° 1031251

Firefly AB

Heliosgatan 3, 120 30 Stockholm, Sweden,

We declare that the flame detectors designed to be placed for use in the explosive atmospheres described below:

UV / UV-IR Flame Detector Type 660 / 860

For Gas & Dust

CE 0081  II 2 G/D

Ex d IIB + H₂ T5 Gb for Gas on 860 / 660 – 0XXXX

Ex tb IIIC T100°C Db for Dust on 860 / 660 – 0XXXX

Ex d IIB + H₂ T4 Gb for Gas on 660 – 1XXXX

Ex tb IIIC T135°C Db for Dust on 660 – 1XXXX

Ambient T°

-40° C ≤ Ta ≤ 85° C for 860 / 660 – 0XXXX

-40° C ≤ Ta ≤ 125° C for 660 – 1XXXX

Protection Index

IP6X

Warning

Do not open when energized. After de-energized, delay 10 minutes before opening.

Satisfy: >the provisions:

ATEX directive : 2014/34/EU

>standards:

EN 60079-0:2012+ A11

EN 60079-1:2014, EN 60079-31:2014

>variants originating from this type and representative of the range of products that have received the EC examination certification type n° LCIE 13 ATEX 3071 X/01 (in accordance with Annex III) and the quality system evaluation notification n° LCIE 13 ATEX Q4006 (in accordance with Annex IV) issued by LCIE.

> **Complies to electrical safety requirements in accordance with LVD Directive 2014/35/EU**

> **EMC Directive 2014/30/EU**

> **Complies to the emission requirements in accordance with EN 61000-6-4:2007/A1:2011, EN 55011:2009/A1:2010 Class A, Radiated Interference**

> **Complies to the immunity requirements in accordance with EN 50130-4:2011, EN 61000-4-2 (2009), 61000-4-3:2006/A2:2010, EN 61000-4-4:2004/A1:2010, EN 61000-4-5 (2006), EN 61000-4-6 (2009)**

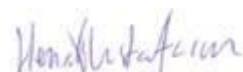
- Revised standards have been analyzed along with the test results that are contained in Retlif Testing Laboratories, test reports N° R-4365N and N° ER986.

>Subject to use for the purpose for which they were designed and /or installed in accordance with standards in force and with the manufacturer's recommendations.

Date: 20 November 2016

The notified body (N° identification 0081) responsible for monitoring is:
LCIE B.P. 8 – 33av. du General Leclerc- 92266 Fontenay-aux-Roses -France

Rev. L



Henrik Gustafsson
Quality Manager