



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit [www.iecex.com](http://www.iecex.com)

Certificate No.: IECEx BVS 13.0034X issue No.:2

Status: **Current**

Date of Issue: 2017-11-22 Page 1 of 4

Certificate history:  
Issue No. 2 (2017-11-22)  
Issue No. 1 (2016-5-9)  
Issue No. 0 (2013-3-14)

Applicant: **PARAT GmbH + Co. KG**  
Schachtlau 3-4  
94089 Neureichenau  
Germany

Equipment: **Torch light type PX0 XAG LED 123**  
*Optional accessory:*

Type of Protection: **Equipment protection by intrinsic safety "i", Protection of equipment and transmission systems using optical radiation**

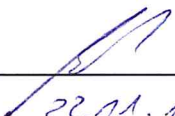
Marking: Ex ia op is IIC T4 Ga  
Ex ib op is IIIC T105°C Db IP68

*Approved for issue on behalf of the IECEx Certification Body:* Jörg Koch

*Position:* Head of Certification Body

*Signature:*  
*(for printed version)*

*Date:*

  
22.11.17

1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

**DEKRA EXAM GmbH**  
Dinnendahlstrasse 9  
44809 Bochum  
Germany

 **DEKRA**  
On the safe side.



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Manufacturer: **PARAT GmbH + Co. KG**  
Schachtlau 3-4  
94089 Neureichenau  
Germany

Additional Manufacturing location(s):

This certificate is issued as verification that a sample(s), representative of production, was assessed and tested and found to comply with the IEC Standard list below and that the manufacturer's quality system, relating to the Ex products covered by this certificate, was assessed and found to comply with the IECEx Quality system requirements. This certificate is granted subject to the conditions as set out in IECEx Scheme Rules, IECEx 02 and Operational Documents as amended.

#### STANDARDS:

The electrical apparatus and any acceptable variations to it specified in the schedule of this certificate and the identified documents, was found to comply with the following standards:

<b>IEC 60079-0 : 2011</b> Edition: 6.0	Explosive atmospheres - Part 0: General requirements
<b>IEC 60079-11 : 2011</b> Edition: 6.0	Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"
<b>IEC 60079-28 : 2015</b> Edition: 2	Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation

*This Certificate **does not** indicate compliance with electrical safety and performance requirements other than those expressly included in the Standards listed above.*

#### TEST & ASSESSMENT REPORTS:

*A sample(s) of the equipment listed has successfully met the examination and test requirements as recorded in*

Test Report:

DE/BVS/ExTR13.0038/02

Quality Assessment Report:

DE/BVS/QAR14.0001/03



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## Schedule

### EQUIPMENT:

*Equipment and systems covered by this certificate are as follows:*

#### Description

The torch light type PX0 XAG LED 123 is a handheld torch fitted with an LED lamp module and is powered by 4 AA cells. The enclosure is constructed from conductive polycarbonate and certified for Gas Group IIC applications.

#### Thermal Parameters

Ambient temperature range  $T_a$  -20 °C up to +40 °C

#### SPECIFIC CONDITIONS OF USE: YES as shown below:

It is allowed to use only the batteries listed in the manufacturer's instructions.



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## DETAILS OF CERTIFICATE CHANGES (for issues 1 and above):

The torch lights were tested according to IEC 60079-28:2015. The marking was changed.  
The current regulator was changed.  
The standard IEC 60079-26 is no longer applied. The EPL Ga requirements for the torch lights are complied by the standards listed above.