



# IECEX Certificate of Conformity

## INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification System for Explosive Atmospheres

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

Certificate No.:	<b>IECEX BVS 12.0044X</b>	Page 1 of 4	<u>Certificate history:</u>
Status:	<b>Current</b>	Issue No: 4	Issue 3 (2020-12-03)
Date of Issue:	2023-11-28		Issue 2 (2016-03-21)
Applicant:	<b>PARAT Solutions GmbH</b> Gewerbegebiet Manzing 7 94065 Waldkirchen Germany		Issue 1 (2013-10-09)
Equipment:	<b>Torch light type PX2 PC LED 125</b>		Issue 0 (2012-10-30)
Optional accessory:			
Type of Protection:	<b>Intrinsic Safety "i"</b>		
Marking:	<b>Ex ib IIB T4 Gb</b>		

Approved for issue on behalf of the IECEx  
Certification Body:

**Dr Franz Eickhoff**

Position:

**Senior Lead Auditor, Certification Manager and officially  
recognised expert**

Signature:  
(for printed version)

Date:  
(for printed version)

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Certificate issued by:

**DEKRA Testing and Certification GmbH**  
Certification Body  
Dinnendahlstrasse 9  
44809 Bochum  
Germany





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Manufacturer: **PARAT Solutions GmbH**  
Gewerbegebiet Manzing 7  
94065 Waldkirchen  
**Germany**

Manufacturing  
locations: **PARAT Solutions GmbH**  
Gewerbegebiet Manzing 7  
94065 Waldkirchen  
**Germany**

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 equipment 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

[IEC 60079-0:2017](#) Explosive atmospheres - Part 0: Equipment - General requirements  
Edition:7.0

[IEC 60079-11:2011](#) Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"  
Edition:6.0

This Certificate **does not** indicate compliance with 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/ExTR12.0080/03](#)

Quality Assessment Report:

[DE/BVS/QAR14.0001/08](#)



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## **EQUIPMENT:**

Equipment and systems covered by this Certificate are as follows:

### **General product information:**

The torch light type PX2 PC LED 125 is a handheld torch light powered by AAA battery cells. The equipment has an LED lamp module protected by the concept of intrinsic safety.

### **Parameters**

Rated ambient temperature range  $-20\text{ °C} \leq T_a \leq +40\text{ °C}$

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

Only the batteries listed in the operating instructions may be used.



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**DETAILS OF CERTIFICATE CHANGES (for issues 1 and above)**

Change of applicant's and manufacturer's name and location, the CoC was linked to an updated QAR