

Translation

EU-Type Examination Certificate Supplement 2

Equipment intended for use in potentially explosive atmospheres
Directive 2014/34/EU

EU-Type Examination Certificate Number: **BVS 13 ATEX E 021 X**

Product: **Torch light type PX0 XAG LED 123**

Manufacturer: **PARAT GmbH + Co. KG**

Address: **Schachtlau 3-4, 94089 Neureichenau, Germany**

This supplementary certificate extends EU-Type Examination Certificate No. BVS 13 ATEX E 021 X to apply to products designed and constructed in accordance with the specification set out in the appendix of the said certificate but having any acceptable variations specified in the appendix to this certificate and the documents referred to therein.

DEKRA EXAM GmbH, Notified Body number 0158, 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 the confidential Report No. PP 13.2055 EU.

Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN 60079-0:2012 + A11:2013	General requirements
EN 60079-11:2012	Intrinsic Safety "i"
EN 60079-28:2015	Optical radiation "op is/pr/sh"

If the sign "X" is placed after the certificate number, it indicates that the product is subject to the Special Conditions for Use specified in the appendix to this certificate.

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.

The marking of the product shall include the following:

 **II 1G Ex ia op is IIC T4 Ga**
II 2D Ex ib op is IIIC T105°C Db IP68

DEKRA EXAM GmbH
Bochum, 2017-11-07

Signed: Jörg Koch

Certifier

Signed: Dr Franz Eickhoff

Approver

13 **Appendix**

14 **EU-Type Examination Certificate**

**BVS 13 ATEX E 021 X
Supplement 2**

15 **Product description**

15.1 **Subject and type**

Torch light type PX0 XAG LED 123

15.2 **Description**

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

Reason for the supplement:

Description of the Variation to the Product

The torch light is tested according the standards listed on page 1. The standard EN 60079-28:2015 is supplemented.

The current regulator was exchanged.

The standard EN 60079-26 is no longer applied. The EPL Ga requirements for the measuring instrument are complied by the standards listed above.

15.3 **Parameters**

15.3.1 Ambient temperature range $T_A = -20\text{ °C up to }+40\text{ °C}$

16 **Report Number**

BVS PP 13.2055 EU, as of 2017-11-07

17 **Special Conditions for Use**

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

18 **Essential Health and Safety Requirements**

The Essential Health and Safety Requirements are covered by the standards listed under item 9.

19 **Drawings and Documents**

Drawings and documents are listed in the confidential report.

We confirm the correctness of the translation from the German original.
In the case of arbitration only the German wording shall be valid and binding.

DEKRA EXAM GmbH
Bochum, dated 2017-11-07
BVS-AIh/Mu A 20160456



Certifier



Approver

