

Translation

(1) EC-Type Examination Certificate

(2) Equipment and protective systems intended for use
in potentially explosive atmospheres - Directive 94/9/EC

(3) No. of EC-Type Examination Certificate: **BVS 12 ATEX E 059 X**

(4) Equipment: **Torch light type PX1 ***

(5) Manufacturer: **PARAT GmbH & Co. KG**

(6) Address: **Schachtlau 3-4, 94089 Neureichenau
Germany**

(7) The design and construction of this equipment and any acceptable variation thereto are specified in the appendix to this type examination certificate.

(8) The certification body of DEKRA EXAM GmbH, notified body no. 0158 in accordance with Article 9 of the Directive 94/9/EC of the European Parliament and the Council of 23 March 1994, certifies that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres, given in Annex II to the Directive. The examination and test results are recorded in the test and assessment report BVS PP 12.2158 EG.

(9) The Essential Health and Safety Requirements are assured by compliance with:

EN 60079-0:2009 General requirements

EN 60079-7:2007 Increased safety „e“

EN 60079-11:2012 Intrinsic Safety „i“

(10) If the sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the appendix to this certificate.

(11) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment in accordance to Directive 94/9/EC.
Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.

(12) The marking of the equipment shall include the following:



See subject and type on the next page

DEKRA EXAM GmbH
Bochum, dated 26.10.2012

Signed: Simanski

Certification body

Signed: Dr. Wittler

Special services unit

- (13) Appendix to
- (14) **EC-Type Examination Certificate
BVS 12 ATEX E 059 X**
- (15) 15.1 Subject and type

Torch light type PX1 *

The asterisk in the type designation represents the variants of enclosures lamp modules as follows:

Type	Marking
PX1 XAG LED 123	II 2G Ex ib IIC T4 Gb / II 2D Ex ib IIIC T105°C Db IP68
PX1 PC LED 123	II 2G Ex ib IIB T4 Gb / II 2D Ex ib IIIC T105°C Db IP68
PX1 XAG Xenon 122	II 2G Ex ib e IIC T4 Gb / II 2D Ex ib IIIC T105°C Db IP64
PX1 PC Xenon 122	II 2G Ex ib e IIB T4 Gb

15.2 Description

The torch light type PX1 * is a series of handheld torches fitted with either a LED or a Xenon lamp module, powered by 4 AA cells.

The enclosure is constructed from conductive polycarbonate for use in gas group IIC designated model number PX1 XAG * and non-conducting polycarbonate for use in gas group IIB designated model number PX1 PC *.

All variants are certified for use in explosive gas atmospheres, but only the handheld torches type PX1 XAG * and type PX1 PC LED 123 can also be used in explosive dust atmospheres.

15.3 Parameters

Ambient temperature range

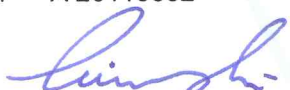
With LED lamp module $-20\text{ °C} \leq T_a \leq +40\text{ °C}$
 With Xenon lamp module $0\text{ °C} \leq T_a \leq +40\text{ °C}$

- (16) Test and Assessment Report
BVS PP 12.2158 EG as of 26.10.2012

- (17) Special conditions for safe use
 Only the following battery types are permitted:
 - Daimon MN1500 (by Duracell) LR6/AA
 - Energizer Classic LR6/AA
 - Energizer Ultimate Lithium LR6/AA
 - Duracell Procell LR6/AA
 - Duracell Plus LR6/AA
 - Duracell Simply LR6/AA

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
 44809 Bochum, 26.10.2012
 BVS-Ste/Sch A 20110882



 Certification body



 Special services unit