

[1] EC TYPE-EXAMINATION CERTIFICATE

[2] Equipment or Protected System Intended for use
in Potentially explosive atmospheres
Directive 94/9/EC

- [3] EC-Type Examination Certificate Number: Nemko 06ATEX1235X
- [4] Equipment or Protective System: Belt Transmission Alignment Laser
- [5] Manufacturer: Damalini AB
- [6] Address: Åbäcksgatan 6B
SE-431 67, Sweden
- [7] This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] Nemko AS, notified body number 0470 in accordance with Article 9 of Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system 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 confidential report no. 71426
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
CENELEC EN 50014: 1997 + A1: 1999 + A2: 1999 and CENELEC EN 50020: 2002
- [10] If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- [11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC.
Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- [12] The marking of the equipment or protective system shall include the following:



II 2 G

EEx ib IIC T3

Oslo, 2006-12-14



Rolf Hoel
Certification Manager, Ex-products

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[13] Schedule**[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 06ATEX1235X****[15] Description of Equipment or Protective System**

BTA Ex is used to line up different kind of drives, such as V-belt, timing belts etc. It projects a laser line on graded targets. This shows the user how to adjust the machines.

The instrument is powered by one battery cell, type LS 14500 as referred below. The cell type and manufacturer are specified in the user manual, and the marking reference on the lid of the battery room.

Type Designation

BTA Ex

Data

The instrument shall be powered with 3,6V battery cell of the following type:

1. Manufacturer: Saft, type LS 14500 / 3.6 V Primary lithium-thionyl chloride (Li-SOCl₂) / Cell size references UM3 - R6 - AA

[16] Report No. 71426**Descriptive Documents**

Doc. no.	Title/description	Issue	Date
10-0050	Konstruktionsbeskrivning	A	2006-08-18
10-0074	Verifieringsrapport	B	2006-11-22
05-0307	BTA EX Manual Engelsk		2006-08-16
10-0075	Tillverkningsinstruktion BTA Ex	A	2006-08-15
01-0967	Membranpanel BTA Ex		2006-08-11
04-0100	Etikett Batterilucka BTA Ex		2006-08-11
04-0099	Etikett Under BTA Ex	A	2006-11-22
04-0101	Etikett Batterihållare BTA Ex		2006-08-11
12-0389	Schema	C	2006-11-22
12-0389	Komponentlista	B	2006-10-04
01-0964	Mönsterkortsspecifikation	2	2006-10-11
01-0964	Komponentplacering Top	C	2006-10-11
01-0964	Komponentplacering Bottom	C	2006-10-11
10-0100	Kretskortspecifikation BTA EX	B	2006-11-21

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[17] Special Conditions for Safe Use

1. The allowed ambient temperature range of the apparatus is $-10^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$
2. Only the listed battery cell may be used.

[18] Essential Health and Safety Requirements

See item 9



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