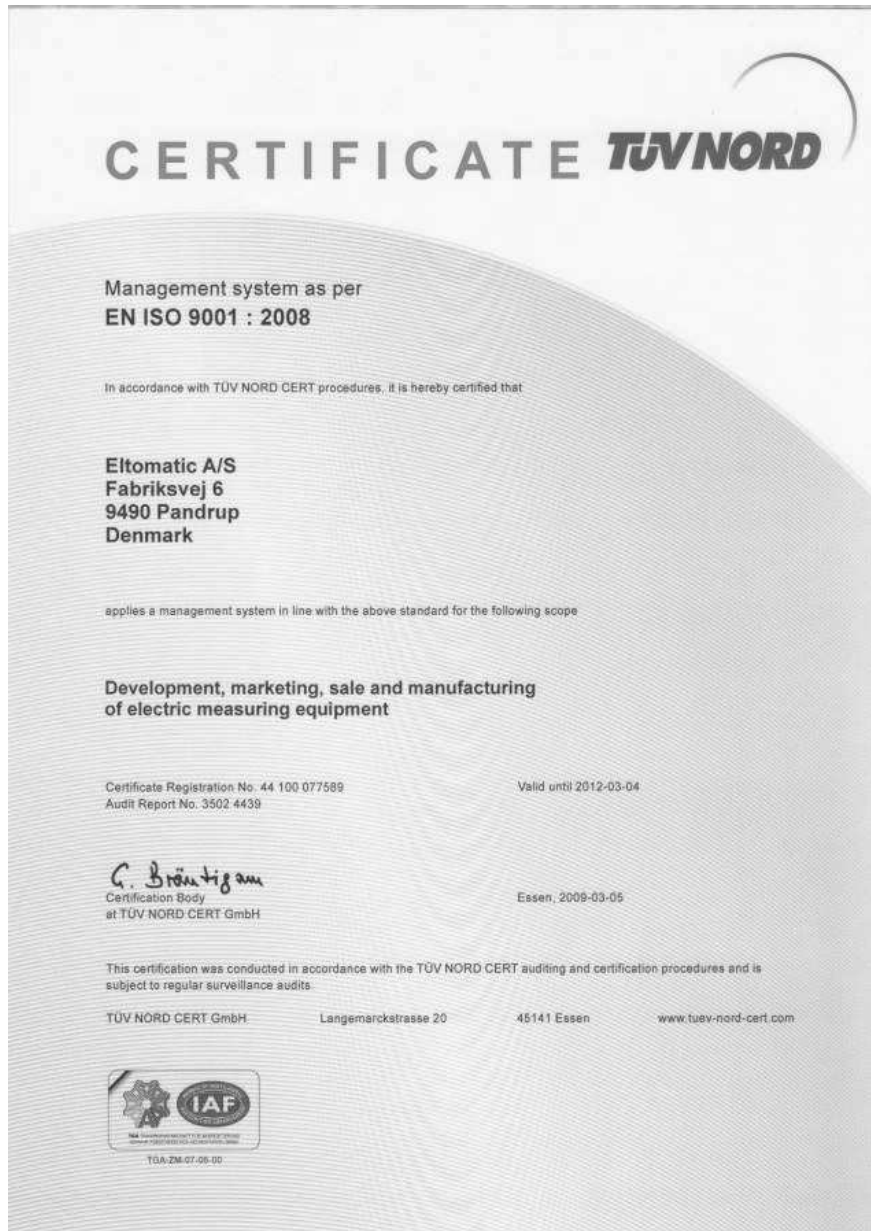


# ELTOMATIC

Complete solutions between meter and computer

## Quality Management



ISO 9001



Eltomatic A/S • Fabriksvej 6 • DK9490 Pandrup • Denmark

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# Quality Certification

**Translation**  
**Production Quality Assessment**  
**Notification**

(1) **TUV NORD**  
**Ex**

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

(3) Notification Number: TÜV 09 ATEX 367454 Q

(4) Product category: Shaft Encoders  
 Protective principle: Flameproof enclosures, Intrinsic safety, Encapsulation

(5) Applicant: Eltomatic A/S, Fabrikvej 6, 9490 Pandrup, Denmark

(6) Manufacturer: s. Applicant  
 Manufacturing location: s. Applicant

Order number: 8000367454  
 Date of issue: 2009-02-17  
 First certification: 2009-02-17  
 Valid to: 2012-02-17

(7) The TÜV NORD CERT GmbH notified body No. 0044 in accordance with Article 9 of the Council Directive 94/9/EC of March 23, 1994, notifies the applicant that the manufacturer has a production quality system which complies with Annex IV of the Directive.

(8) This notification is based on audit report No. 09202367454 issued 2009-01-28. This notification can be withdrawn if the manufacturer no longer satisfies to the requirements of Annex IV. Results of periodical production quality reassessments are a part of this notification.

(9) In accordance with Article 10 (1) of the Directive 94/9/EC the CE marking shall be followed by the identification number 0044 of the notified body TÜV NORD CERT GmbH. The EC-Type Examination Certificates based on this notification are listed by the notified body.

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, accredited by the central office of the countries for safety engineering (ZLS), Ident. Nr. 0044, legal successor of the TÜV NORD CERT GmbH & Co. KG Ident. Nr. 0032

The head of the certification body  
 Schwedt

Hannover office, Am TÜV 1, 30519 Hannover, phone +49 (0)511 986 1455, Fax +49 (0)511 986 1590

This notification may only be reproduced without any change. Exceptions or changes shall be allowed by the TÜV NORD CERT GmbH

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Eltomatic's quality system is certified according to ISO 9001:2000. Since July 1<sup>st</sup> 2003, the European Directive 94/9/EC, also known as ATEX 95, has been mandatory.

This directive is known as the "Manufacturing Directive" and is the legal regulation for equipment and protection systems for specified use in areas with an explosion hazard.

ATEX 95 stands for Atmosphère Explosibles and Article 95 of the EC treaty.

All Eltomatic shaft encoders are approved according to one or in some cases two ATEX protection categories.

These categories are (d) flameproof, (i) intrinsic, (mb) encapsulation and (ma), combined intrinsic and encapsulation.

Encoders with (i) approval and encoders with dual (i) and (ma) approval combined with a suitable Zener Barrier can be used in zone 0, 1 and 2 applications.

Encoders with (d) and (mb) approval are suitable for zone 1 and 2 applications. Some shaft encoder versions also have UL approval.

Our shaft encoders have metrological approval by the W&M, (Weights and Measures) authorities in most countries.

**Physikalisch-Technische Bundesanstalt**  
 Braunschweig und Berlin

**Zulassungsschein**  
 Innerstaatliche Bauartzulassung  
 Nr. 1.32.5-5.552-ELP 92.13

Auf Grund der §§ 9 und 29 des Eichgesetzes vom 11. Juli 1969 (BGBl. I S. 759) in Verbindung mit den §§ 16 Abs. 1-3 und 17 Abs. 1 der Eichordnung vom 12. August 1988 (BGBl. I S. 1657) in ihren derzeit gültigen Fassungen wird der Firma:

Eltomatic, Pandrup/DK  
 folgende Bauart zur innerstaatlichen Eichung zugelassen:

Elektrischer Impulsgeber  
 Typ 01 - 08

Die Bauart erhält folgendes Zulassungszeichen:

5.552  
 92.13

Die wesentlichen Merkmale und gegebenenfalls die Zulassungsaufgaben, Befristungen und Bedingungen sowie inhaltlichen Beschränkungen sind in der Anlage festgelegt. Sie ist Bestandteil der Zulassung und umfaßt 7 Seite(n).

Physikalisch-Technische Bundesanstalt Braunschweig, 22. Juni 1992

Im Auftrag  
 Schmelter

— Hinweise und Rechtsbehelfsbelehrung auf der Rückseite —

Zulassungszeichen ohne Unterstrich und ohne Dienststempel haben keine Gültigkeit.  
 Die Zulassungsaufgaben dürfen nur unmittelbar weiterbetrieben werden.

Ansatz der Änderungen bedürfen der Genehmigung der Physikalisch-Technischen Bundesanstalt, Bundesallee 100, Postfach 33 45, D-3300 Braunschweig.

**TUV DENMARK**  
 Member of TÜV Group

**Example of Zone Classification**  
 (Filling Station)

**Remark:**

- ▶ In Zone 0 – Ex-equipment must be designed for **Category 1** use
- ▶ In Zone 1 – Ex equipment must be designed for **Category 2** use
- ▶ In Zone 2 – Ex equipment must be designed for **Category 3** use

**Ex-Certification for the American Market**

TÜV Denmark offers certification to the North American market for Zone 0, 1 and 2 and Class I, II and III, Division 1 and Division 2. This service is done in cooperation with our American partner "ENTELE" which is an OSHA approved NRTL (National Recognized Testing Laboratory).