

EU - Type Examination Certificate

(1)

(2) Equipment and protective systems intended for use in potentially explosive atmospheres – Directive 2014/34/EU

(3) EU - Type Examination Certificate Number

EPS 19 ATEX 1 087 X

Revision 0

(4) Equipment: ECON Electric Actuator Fig. 7907, type ELA60

(5) Manufacturer: ERIKS Flow Control

(6) Address: Cypresbaan 63
2908 LT Capelle aan den IJssel
The Netherlands

(7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.

(8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014, 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 of the Directive. The examination and test results are recorded in the confidential documentation under the reference number 15TH0231.

(9) Compliance with the essential health and safety requirements has been assured by compliance with:


EN 60079-0:2012

EN 60079-1:2014

(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 annex to this certificate.

(11) This EU - Type Examination Certificate relates only to the design and examination of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.

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

 II 2G Ex db IIB T4 Gb



Certification department of explosion protection

Hamburg, 2019-05-28



H. Schaffer

(13)

Annex

(14) EU - Type Examination Certificate EPS 19 ATEX 1 087 X

Revision 0

(15) Description of equipment:

ECON electric actuator Fig. 7907, type ELA60 is designed for the operation of industrial valves. The enclosure is made by light alloy. The motor and electronics are situated inside flameproof enclosure with connection by certified cable glands direct entry. Ingress protection is IP67/IP68.

Electrical data:

110 / 220V AC 1 Ph 60/50Hz, 24 V AC/DC

(16) Reference number: 15TH0231

(17) Special conditions for safe use:

A repair of flameproof joints is not allowed.

Ambient temperature range: -20°C to + 60°C

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Hamburg, 2019-05-28



H. Schaffer



IECEx Certificate of Conformity

INTERNATIONAL ELECTROTECHNICAL COMMISSION IEC Certification Scheme for Explosive Atmospheres

for rules and details of the IECEx Scheme visit www.iecex.com

Certificate No.: IECEx EPS 19.0047X

Issue No: 0

Certificate history:

Issue No. 0 (2019-05-28)

Status: **Current**

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Date of Issue: **2019-05-28**

Applicant: **ERIKS Flow Control**
Cypresbaan 63
2908 LT Capelle aan den IJssel
The Netherlands

Equipment: **ECON Electric Actuator Fig. 7907, type ELA60**

Optional accessory:

Type of Protection: **"db"**

Marking:
Ex db IIB T4 Gb

Approved for issue on behalf of the IECEx
Certification Body:

Holger Schaffer

Position:

Head of certification

Signature:
(for printed version)

Date:

2019-05-28



1. This certificate and schedule may only be reproduced in full.
2. This certificate is not transferable and remains the property of the issuing body.
3. The Status and authenticity of this certificate may be verified by visiting the [Official IECEx Website](http://www.iecex.com).

Certificate issued by:

Bureau Veritas Consumer Products Services Germany GmbH
Businesspark A96
86842 Türkheim
Germany





IECEx Certificate of Conformity

Certificate No: IECEx EPS 19.0047X

Issue No: 0

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Manufacturer: **ERIKS Flow Control**
Cypresbaan 63
2908 LT Capelle aan den IJssel
The Netherlands

Additional Manufacturing location(s):

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 apparatus 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 : 2011 Explosive atmospheres - Part 0: General requirements

Edition: 6.0

IEC 60079-1 : 2014-06 Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"

Edition: 7.0

*This Certificate **does not** indicate compliance with electrical 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/EPS/ExTR19.0049/00](#)

Quality Assessment Report:

[DE/EPS/QAR19.0002/00](#)



IECEx Certificate of Conformity

Certificate No: IECEx EPS 19.0047X

Issue No: 0

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Schedule

EQUIPMENT:

Equipment and systems covered by this certificate are as follows:

ECON electric actuator Fig. 7907, type ELA60 is designed for the operation of industrial valves. The enclosure is made by light alloy. The motor and electronics are situated inside flameproof enclosure with connection by certified cable glands direct entry. Ingress protection is IP67/IP68.

SPECIFIC CONDITIONS OF USE: YES as shown below:

A repair of flameproof joints is not allowed.

Ambient temperature range: -20°C to + 60°C