

# CERTIFICATE

## EC-TYPE EXAMINATION CERTIFICATE

- [1] **EC-TYPE EXAMINATION CERTIFICATE**  
[2] Equipment or protective Systems intended for use in potentially explosive atmospheres

**Directive 94/9/EC**

- [3] EC-type Examination Certificate number:

**ICEPI 09 ATEX 03C011**

- [4] Equipment: **Linear and rotatory actuators series AKTUA AT...X**  
[5] Manufacturer: **SEKO S.p.A.**  
[6] Address: **Via Salaria km 92,200 – 02010 S. Rufina (RI) - ITALIA**

- [7] This equipment or protective system and any acceptable variation thereto is specified in the schedule of this certificate and the documents therein referred to.

- [8] ICEPI S.p.A., Notified Body number 0066 in accordance with article 9 of the 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 n° RP09A1201.




- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0: 2006 EN 60079-1: 2004 + EC: 2004**  
**EN 61241-0: 2006 EN 61241-1: 2004**

- [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 of this certificate.

- [11] This EC-type Examination Certificate relates only to the design and construction of the specified equipment or protective system. Further requirements of this directive apply to the manufacture 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 2G Ex d IIB+H<sub>2</sub> T6       II 2D Ex tD A21 IP66 T 85°C  
 II 2GD Ex d IIB+H<sub>2</sub> T6      Ex tD A21 IP66 T 85°C

This certificate may only be reproduced in its entirety and without any change, schedule included.

Piacenza, 22.12.2009 - Translation issued on 22.12.2011

Prepared  
Gianluigi Bianchi

Verified  
Claudio Ponzinibio

Approved  
The Managing Director  
Dott. Ing. Andrea Guido Esposito



[13]

**Schedule**[14] **EC-TYPE EXAMINATION CERTIFICATE n° ICEPI 09 ATEX 03C011**[15] **Description of the equipment**

The apparatus is intended for operating a control, with a defined force or torque, through a linear (**ATL-13X**) or rotatory motion (**ATR-05X**), proportional to a control signal.

**Meaning of the identification code**

The actuators series AKTUA AT-..X are identified by a code as follows:

**ATL-13X** : *linear* actuator according to ATEX directive  
**ATR-05X** : *rotatory* actuator according to ATEX directive

**Rated characteristics**

Rated voltage: 100 ÷ 250 V<sub>ac</sub>  
Auxiliary voltage: 24 V<sub>dc</sub>  
Rated power: 40 W  
Rated frequency: 50 ÷ 60 Hz  
Ambient temperature: - 40 ÷ + 70 °C

**Warnings**

"Use screws with minimum class of resistance A2-70"

[16] **Report n° RP09A1201****Routine verifications and tests**

The Manufacturer shall carry out the routine verifications and tests required at paragraph 27 of the standard EN 60079-0, at paragraph 24 of the standard EN 61241-0 and at paragraph 16 of the standard EN 60079-1.

The enclosures of actuators series AKTUA are exempted from the routine overpressure test, as they positively passed the type test carried out at a pressure of 4 times the reference pressure.

**This certificate may only be reproduced in its entirety and without any change, schedule included.**

[13]

## Schedule

[14] **EC-TYPE EXAMINATION CERTIFICATE n° ICEPI 09 ATEX 03C011**

### Descriptive documents

1) Technical File n° CERT\_ATX\_03 (55 sheets)

dated 22.12.2009

A copy of the above listed documents is kept in ICEPI's file.

[17] **Special conditions for safe use (X)**

None.

### Additional conditions

The flameproof joints of the actuators cannot be repaired; in case they should need to be submitted to such operations, the Manufacturer shall be consulted.

[18] **Essential Health and Safety Requirements**

Covered by the conformity to the listed standards.

#### Certification validity conditions.

Validity conditions of ICEPI's certification are indicated at points 4 & 5 of the contract between Client and ICEPI.

**This certificate may only be reproduced in its entirety and without any change, schedule included.**