



# (1) **EC-TYPE EXAMINATION CERTIFICATE**

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

(3) EC-Type Examination Certificate Number: **KEMA 06ATEX0203 X** Issue Number: 1

(4) Equipment: **Valve Positioner model YT-2400..H....**

(5) Manufacturer: **Young Tech Co., Ltd.**

(6) Address: **662-8, Pungmu-Dong, Kimpo-city, Kyunggi-Do, Korea**

(7) This equipment and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) KEMA Quality B.V., notified body number 0344 in accordance with Article 9 of the Council Directive 94/9/EC 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 confidential test report number 2089635.

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN 60079-0 : 2004**

**EN 60079-1 : 2004**

(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 schedule to this certificate.

(11) This EC-Type Examination Certificate relates only to the design, examination and tests of the specified equipment according to the 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:



**II 2 G Ex d IIB T6**

This certificate is issued on 27 September 2006 and, as far as applicable, shall be revised before the date of cessation of presumption of conformity of (one of) the standards mentioned above as communicated in the Official Journal of the European Union.

KEMA Quality B.V.

  
C.G. van Es  
Certification Manager

Page 1/2



® Integral publication of this certificate and adjoining reports is allowed. This Certificate may only be reproduced in its entirety and without any change.

KEMA Quality B.V. Utrechtseweg 310, 6812 AR Arnhem P.O. Box 5185, 6802 ED Arnhem The Netherlands  
T +31 26 3 56 20 00 F +31 26 3 52 58 00 customer@kema.com www.kema.com Registered Arnhem 09085396

Experience you can trust.



(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate KEMA 06ATEX0203 X** **Issue No. 1**

(15) **Description**

The Valve Positioner Model YT-2400..H.... is used to control actuators in process control applications.

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

**Electrical data**

Supply ..... max. 10 Vdc, 4 – 20 mA.

**Installation instructions**

The cable and conduit entry devices shall be certified in type of protection flameproof enclosures "d" suitable for the conditions of use and correctly installed.

With the use of conduit, a sealing device such as a stopping box with setting compound shall be provided immediately at the entrance of the flameproof enclosure.

For connection of an earthing and bonding conductor a cable lug shall be used. The conductor shall be mounted so that it is secured against loosening and twisting.

(16) **Test Report**

KEMA No. 2089635.

(17) **Special conditions for safe use**

In accordance with section 5.2.2. of EN 60079-1. The constructional gaps ( $i_c$ ), being less than those required by table 1, have been specified in drawing S 2400-03 (Flame paths drawing) which is part of the test documentation belonging to this certificate.

(18) **Essential Health and Safety Requirements**

Assured by compliance with the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 2089635.