

# CERTIFICATE

## (1) EC-Type Examination

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

(3) EC-Type Examination Certificate Number: **DEKRA 11ATEX0017 X** Issue Number: **2**

(4) Equipment: **Electro-pneumatic Valve Positioner Model YT-1000.. and YT-1050...**

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

(6) Address: **#3022, Hagun-ri Yangchon-myeon, Gimpo-Si, Gyeonggi-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) DEKRA Certification 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 212353100.

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

**EN 60079-0 : 2006**

**EN 60079-1 : 2007**

**EN 60079-18 : 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 mb IIB T5**

This certificate is issued on April 19, 2011 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.

DEKRA Certification B.V.

C.G. van Es.  
Certification Manager

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(13) **SCHEDULE**

(14) **to EC-Type Examination Certificate DEKRA 11ATEX0017 X**

Issue No. 2

(15) **Description**

The Electro-pneumatic Valve Positioner Model YT-1000.. and YT-1050.. are used to control actuators in process control applications.  
These Electro-pneumatic Valve Positioners are also NEMA 4X.

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

**Electrical data**

Rated Voltage .....	1 – 5 Vdc
Input current .....	4 – 20 mA

**Installation instructions**

The instructions provided with the equipment shall be followed in detail to assure safe operation.

(16) **Test Report**

No. 212353100.

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

For information on the dimensions of the flameproof joints the manufacturer shall be contacted.

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

Covered by the standards listed at (9).

(19) **Test documentation**

As listed in Test Report No. 212353100.