

(1) **EU - Type Examination Certificate**

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

(3) EU - Type Examination Certificate Number

**EPS 12 ATEX 1 404 X**

**Revision 1**

(4) Equipment: YT-2600 Series Smart Positioner

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

(6) Address: 81, Hwanggeum-ro, 89 beon-gil, Yangchon-eup,  
Gimpo-si, Gyeonggi-do, Korea

(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 11TH0412.

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

**EN 60079-0:2012/A11:2013**

**EN 60079-1:2014**

**EN 60079-31:2014**

(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:



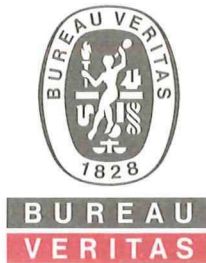
II 2G Ex db IIC T5/T6

II 2D Ex tb IIIC T85°C/T100°C

Certification department of explosion protection

Nuremberg, 2016-10-21





(13)

## Annex

(14) EU - Type Examination Certificate EPS 12 ATEX 1 404 X

Revision 1

(15) Description of equipment:

YT-2600 series Smart Valve Positioner accurately controls valve stroke in response to an input signal of 4-20mA from the controller.

Electrical data:

Voltage: 1-5Vdc

Current: 4-20 mA

(16) Reference number: 11TH0412

(17) Special conditions for safe use:

The ambient temperature range is from -40°C to +70°C for temperature class T6 (T85°C) or -40°C to +80°C for temperature class T5 (T100°C).

Hazardous area with carbon disulfide shall be excluded.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Nuremberg, 2016-10-21



D. Zitzmann