

## 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 16 ATEX 1 140 X**

**Revision 0**

(4) Equipment: Limit Switch Box Type YT-870M, YT-875M, YT-870P, YT-875P, YT-870D, YT-875D

(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 08TH0297.

(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.

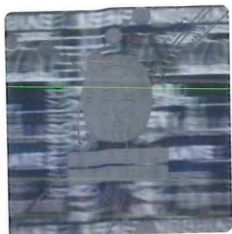
(11) This EU - Type Examination Certificate relates only to the design and examination of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered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

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



II 2G Ex db IIC T6 Gb

II 2D Ex tb IIIC T85°C Db



Nuremberg, 2016-10-21



(13)

## Annex

(14) EU - Type Examination Certificate EPS 16 ATEX 1 140 X

Revision 0

(15) Description of equipment:

YT-870 YT875 series is a limit switch box which monitors and transmits the value position to the controller or control center.

Electrical data:

YT-870M / YT-875M:

AC:250V 3A, 125V 5A / 250V 10.1A, 125V 10.1A

DC:250V 0.2A, 125V 0.4A, 30V 4A, 14V 5A, 8V 5A

YT-870P / YT-875P:

DC:12~24 VDC (Operating Voltage : 10~30VDC/5~25VDC)

YT-870D / YT-875D:

AC:125 or 250VAC 10A, 480VAC 2A DC:125VDC 0.5A, 250VDC 0.25A

(16) Reference number: 08TH0297

(17) Special conditions for safe use:

The apparatus can be used in a temperature range between -20°C and +60°C.

Repairs of the flameproof joints must be made in compliance with the structural specifications provided by the manufacturer. Repairs must not be made on the basis of values specified in tables 1 and 2 of EN 60079-1.

(18) Essential health and safety requirements:

Met by compliance with standards.

Certification department of explosion protection

Nuremberg, 2016-10-21

