



제2016-003211-01호

# 안 전 인 증 서

## Emerson Process Management Flow Technologies Co., Ltd.

111, Xing Min South Road, Jiangning District, Nanjing, Jiangsu Province, 211100, China

위 사업장에서 제조하는 아래의 품목이 「산업안전보건법」 제34조 및 같은 법 시행규칙 제58조의4제4항에 따른 안전인증 심사 결과 안전·보건기준에 적합하므로 안전인증표시의 사용을 인증합니다.

### 품 목

Vortex Flowmeter

### 형식·모델(용량·등급) / 인증번호

8800D integral transmitter(Ex d [ia] IIC T6 Ga/Gb) / 16-KA4BO-0234X

### 인 증 기 준

고용노동부고시 제2013-54호

### 인 증 조 건

#### 1. 제조공장

·본 인증서는 '111, Xing Min South Road, Jiangning District, Nanjing, Jiangsu Province, 211100, China'에서 생산하는 제품에 한함.

#### 2. 제품개요

- 0종/1종 경계지역에 설치(Ga/Gb)되는 와류식 유량계(integral transmitter)임.
- 정격: 32 Vdc max. (Fieldbus, digital output),  $U_m = 250 V$   
42 Vdc max. (4 - 20 mA HART analog and pulse outputs),  $U_m = 250 V$
- 사용주위온도:  $-50 \text{ }^\circ\text{C} \leq T_a \leq +70 \text{ }^\circ\text{C}$

3. 인증범위: 본 인증서는 위의 형식번호에 한하여 유효함.

#### 4. 안전한 사용을 위한 조건

·상세 조건은 관련 IECEx 인증서(IECEx DEK 05.0017X issue No.3) 참조

5. 인증(변경)사항: 없음.

#### 6. 그 밖의 사항

- 안전인증품의 품질관리, 확인심사 수검, 변경사항 신고 등 인증 받은 자의 의무 준수
- 본 안전인증서는 반드시 관련 IECEx 인증서(IECEx DEK 05.0017X issue No.3)와 함께 사용

2016년 3월 25일

## 한국산업기술시험원장





No. 2016-003211-01

# 안전인증서

## Certificate of Safety

### Emerson Process Management Flow Technologies Co., Ltd.

111, Xing Min South Road, Jiangning District, Nanjing, Jiangsu Province, 211100, China

The following product manufactured by the above company has been authorized for the use of safety certification mark as the product has satisfied the safety and health requirements under Article 34 of OCCUPATIONAL SAFETY AND HEALTH ACT and paragraph 4 of Article 58-4 of ENFORCEMENT ORDINANCE OF the same ACT.

#### Electrical Equipment

Vortex Flowmeter

#### Model(Marking) / Certificate No.

8800D integral transmitter(Ex d [ia] IIC T6 Ga/Gb) / 16-KA4BO-0234X

#### Applied standards

Announcement No. 2013-54 of Ministry of Employment and Labor

#### Conditions of Certification

##### 1. Manufacturing location(s)

·This certificate is valid only for the specified peroducts produced at '111, Xing Min South Road, Jiangning District, Nanjing, Jiangsu Province, 211100, China'

##### 2. Description of equipment

·This Vortex Flowmeter(integral transmitter) is installed at boundary area of zone 0/ zone 1(Ga/Gb).

·Rating: 32 Vdc max. (Fieldbus, digital output), Um = 250 V

42 Vdc max. (4 - 20 mA HART analog and pulse outputs), Um = 250 V

·Ambient Temperature:  $-50\text{ }^{\circ}\text{C} \leq T_a \leq +70\text{ }^{\circ}\text{C}$

##### 3. Scope of certification: This certificate is valid only for the models as above.

##### 4. Special conditions for safe use

·See special conditions for safe use on IECEx Certificate (IECEx DEK 05.0017X issue No.3) for the details.

##### 5. Details of certificate change: None.

##### 6. Details of others

·Manufacturer shall take the responsibility including maintaining quality requirements for the certified products, receiving factory surveillance and informing any changes to the certified products.

·This certificate shall be used with the related IECEx certificate (IECEx DEK 05.0017X issue No.3).

Date of Issue: 2016-03-25

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