



제2017-011556-01호

안전인증서

R. STAHL HMI Systems GmbH

Adolf-Grimme-Allee 8 50829 Köln, Germany

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

품 목

Trex Device Communicator

형식·모델(용량·등급) / 인증번호

TREX(Ex ia [ia Ga] [ia Da IIIC] IIC T4 Gb) / 17-KA4BO-0250

인증기준

고용노동부고시 제2013-54호

인증조건

1. 제조공장

·본 인증서는 'Adolf-Grimme-Allee 8 50829 Köln, Germany'에서 생산하는 제품에 한함.

2. 제품개요

- 프로세스 플랜트에서 사용하는 휴대용 유지보수 기기임.
- 정격: 8.4 Vdc Li-Ion 38.48 Wh 배터리 사용
- 사용주위온도: $-20\text{ }^{\circ}\text{C} \leq T_a \leq +50\text{ }^{\circ}\text{C}$

3. 인증범위: 본 인증서는 아래의 형식번호에 한하여 유효함.

·TREX-(a)(b)(c)(d)(e)(f)(g)

(a)통신모듈: C- Device Communicator L- Device Communicator Plus E- 없음	(b)적용: H- HART L- HART + FOUNDATION Fieldbus
(c)파워모듈: P- Li-Ion 배터리	(d)인증: KL- IECEx 본질안전 (FISCO 포함)
(e)무선옵션: W- WiFi / Bluetooth g- 없음	(f)지원: Sn- Standard Support Pn- Premium Support
(g) 옵션	

4. 안전한 사용을 위한 조건: 없음.

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 SIR 16.0057 issue No.1)와 함께 사용

2017 년 4 월 12 일

한국산업기술시험원장





No. 2017-011556-01

안전인증서

Certificate of Safety

R. STAHL HMI Systems GmbH

Adolf-Grimme-Allee 8 50829 Köln, Germany

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

Trex Device Communicator

Model(Marking) / Certificate No.

TREX(Ex ia [ia Ga] [ia Da IIIC] IIC T4 Gb) / 17-KA4BO-0250

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 'Adolf-Grimme-Allee 8 50829 Köln, Germany'

2. Description of equipment

·The Trex Device Communicator is a handheld, battery-powered, intrinsically safe, portable maintenance tool, typically for use in a process plant

·Rating: 8.4 Vdc Li-Ion 38.48 Wh

·Ambient Temperature: $-20^{\circ}\text{C} \leq T_a \leq +50^{\circ}\text{C}$

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

·TREX-(a)(b)(c)(d)(e)(f)(g)

(a)Communication Module C- Device Communicator L- Device Communicator Plus E- None	(b)Applications: H- HART L- HART + FOUNDATION Fieldbus
(c)Power Module: P- Rechargeable Li-Ion Power Module	(d)Product Certification: KL- IECEx Intrinsically Safe (includes FISCO as applicable)
(e)Radio Options: W- WiFi / Bluetooth 9- None	(f)Support: Sn- Standard Support Pn- Premium Support
(g) Options	

4. Special conditions for safe use: None.

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 SIR 16.0057 issue No.1).

Date of Issue: 2017-04-12

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