



No. 2014-037806-02

# 안전인증서

## Certificate of Safety

**Maxon – A Honeywell Company**  
201East 18th Street, Muncie, Indiana 47302, USA

*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

IRIS U2 Flame Monitoring System

### Model (Marking) / Certificate No.

U2-1010-PF, U2-1012-PF, U2-1016-PF, U2-1018-PF  
(Ex d IIC T6, Ex tb IIIC T85°C IP66) / 14-KB4BO-0575X

### Applied standards

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

### Conditions of Certification

- 1. Manufacturing location(s)** : This certificate is only valid for the specified products produced at '201East 18th Street, Muncie, Indiana 47302, USA'.
- 2. Description of equipment**
  - Rating : Supply Voltage 22 ~ 26 Vdc, 120 mA Max. Output relay provided having a maximum voltage rating of 30 Vdc or 250 Vac at a maximum output current rating of 2A
  - Ambient Temperature : -40 °C ≤ Ta ≤ +70 °C
- 3. Scope of certification** : This certificate is only valid for the model as above.
- 4. Special conditions for safe use**
  - Consult the manufacturer if dimensional information on the flameproof joints is necessary.
  - The aluminum surface of the IRIS U2 Flame Monitoring System may store electrostatic charge and become a source of ignition in applications with a low relative humidity <30% relative humidity where the aluminum surface is relatively free of surface contamination such as dust, dirt or oil. Cleaning of the painted surface should only be done with a damp cloth.
  - The apparatus has flying lead conductors that exit the enclosure. A suitably certified Ex d or Ex e terminal box is required to be connected to apparatus enclosure for completing to external supply circuits.
- 5. Details of certificate changes** : None
- 6. Details of the 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.

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# 한국산업기술시험원장

KOREA TESTING LABORATORY

