



# (1) EU-TYPE EXAMINATION CERTIFICATE

(2) **Directive 2014/34/EU of the European Parliament and of the Council of 26 February 2014**

(3) EU-Type Examination

Certificate No.: **KSCP 25ATEX0030X**, Issue: 0

(4) Product: **Smart Gas Detector/Transmitter DA-600S**

(5) Manufacturer: **GASDNA Co., Ltd.**

(6) Address: **101, Bukhang-ro 193beon-gil, Seo-gu, Incheon, 22856, Korea, Republic of**

(7) This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

(8) KSC POLAND Sp. z o.o., Notified Body number 2877, in accordance with Article 17 of Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in confidential Report No. **KSCP/AR/25/Q00474**

(9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

**EN IEC 60079-0:2018**  
**EN 60079-31:2014**

**EN 60079-1:2014**

(10) If the sign "X" is placed after the certificate number, it indicates that the product is subject to the "Specific Conditions of Use" listed under item 17 of this certificate.

(11) This EU – Type Examination Certificate relates only to the design and construction of the specified product in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this product. These are not covered by this certificate.

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

 **II 2 G Ex db IIC T6 Gb**

 **II 2 D Ex tb IIIC T85°C Db**



Signature

In the name of Notified Body

*Katowice, 3<sup>rd</sup> November, 2025*





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## SCHEDULE

(14)

**CERTIFICATE No.: KSCP 25ATEX0030X, Issue:0**

(15) Description:

DA-600S detects various combustible & toxic gases leaked from industrial areas for gas producers, gas users, gas reservoirs, gas by-producers, and so on, in order to prevent any accidents in advance. DA-600S converts digital signal into the 4-20mA standard current output signal which can be transmitted to various devices such as PLC, DDC, or recorder to build comprehensive gas monitoring system. Also, DA-600S provides RS-485 communication signal and alarm relay contact. DC 4-20mA standard output signal realizes max 2500m long distance output signal transmission and RS-485 communication signal realizes max 1000m long distance signal transmission.

**Rating:**

Input power: DC 24V, 180mA (Max)

External outputs: 4-20mA, RS485 Modbus, Relay x 2SPST(220V AC : 0.3A)

Ingress protection: IP6X

Ambient temperature range: -20°C to +50°C

(16) Report Number:

– **KSCP/AR/25/Q00474**

(17) Specific Condition(s) of use:

- In accordance with clause 5.1 of IEC 60079-1 the flamepaths shall not to be repaired by the end user
- The equipment may generate a risk of electrostatic discharge. Therefore, to minimize the risk from electrostatic discharge, follow guidance provided in the manufacturer's instruction manual.

(18) Essential Health and Safety Requirements:

Met by compliance with the requirements mentioned in item 9.

(19) Remarks and additional information:

A detailed list of documents necessary to identify the approved type is included in the Report listed under item 16 of this certificate.







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## SCHEDULE

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**CERTIFICATE No.: KSCP 25ATEX0030X, Issue:0**

(20) Certificate history:

Issue	Issue date	Notes
0	3 <sup>rd</sup> November, 2025	Initial certification

