



Product Service

# (1) EU-Type Examination Certificate

## TRANSLATION

(2) Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres – Directive 2014/34/EU

(3) EU-Type Examination Certificate Number:

**TPS 20 ATEX 108952 0001 X** Issue 00



(4) Equipment: Transmitter  
Type: GP-EX

(5) Manufacturer: Geopal System A/S

(6) Address: Skelstedet 10B, 2950 Vedbak, Denmark

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

(8) TÜV SÜD Product Service GmbH, notified body No. 0123 in accordance with Article 17 of the Council Directive 2014/34/EU of the European Parliament and of the Council dated 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 report 713179063.

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

**EN IEC 60079-0:2018**

**EN 60079-1:2014**

(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 schedule to this certificate.

(11) This EU-Type Examination Certificate relates only to the design and the construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacturer and supply of this equipment.

According to Annex IX (4) of Directive 2014/34/EU, the CE marking is accompanied by the identification number 0123 to identify the notified body.

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



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

Certification Body  
Ridlerstrasse 65, 80339 Munich

Munich, 19.01.2021

Ulrich Jacobs

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EU-Type Examination Certificate without signature shall not be valid. The certificates may be circulated only without alteration. Extracts or alterations are subject to approval by TÜV SÜD Product Service GmbH.  
In case of dispute, the German text shall prevail.

The document is internally administrated under the following number: EX5A 108952 0001 Rev.00.



(13) **S c h e d u l e**

(14) **EU-Type Examination Certificate TPS 20 ATEX 108952 0001 X** Issue 00

(15) Description of equipment:

The transmitter GP-EX is part of the stand-alone gas-detector GP-EX-NOVA (not content of the certification) and intended for explosive atmospheres of group IIC and EPL Gb. It is designed in the type of protection “flameproof enclosure”, Ex db.

Technical data:

Nominal Voltage	24	V DC
Nominal Current	250	mA
P <sub>max</sub>	6.5	W

Permissible ambient temperature range  $-40\text{ °C} \leq T_a \leq 60\text{ °C}$

(16) Test report: 713179063

(17) Special conditions for safe use:

For information about dimensions of the flameproof joints the manufacturer must be contacted.

(18) Essential health and safety requirements:

met by standards