

(1) **EU - Type Examination Certificate**

- (2) Equipment and protective systems intended for use in potentially explosive atmospheres – **Directive 2014/34/EU**  
(3) EU - Type Examination Certificate Number

**EPS 22 ATEX 2 029 X**

**Revision 1**



- (4) Equipment: Chassis Type GLD 30X-...
- (5) Manufacturer: Gottsberg Leak Detection GmbH & Co. KG
- (6) Address: Am Knick 20  
22113 Oststeinbek  
Germany
- (7) This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documentation therein referred to.
- (8) Bureau Veritas Consumer Products Services Germany GmbH, notified body No. 2004 in accordance with Article 21 given in the Directive 2014/34/EU of the European Parliament and of the Council of 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 documentation under the reference number 22TH0229.
- (9) Compliance with the essential health and safety requirements has been assured by compliance with:

**EN IEC 60079-0:2018**

**EN ISO 80079-36:2016**

**EN ISO 80079-37:2016**

- (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 annex to this certificate.
- (11) This EU - Type Examination Certificate relates only to the design and construction of the specified equipment in accordance with Directive 2014/34/EU. Further requirements of this Directive apply to the manufacture of this equipment and its placing on the market. Those requirements are not covered by this certificate.
- (12) The marking of the equipment shall include the following:

 II 1G Ex h IIC T3 Ga  
 II 1G Ex h IIB T3 Ga

Certification department of explosion protection

Tuerkheim, 2022-12-22



Ulrich Feike



Certificates without signature and seal are void. This certificate is allowed to be distributed only if not modified. Extracts or modifications must be authorized by Bureau Veritas Consumer Products Services Germany GmbH.

(13)

## Annex

(14) **EU - Type Examination Certificate EPS 22 ATEX 2 029 X**

**Revision 1**

(15) Description of equipment:

The GLD 30X chassis is designed to move and center a designated leak detection pig in a metallic, internally electrically conductive pipeline for gases and liquids. It is intended that category 1 (zone 0) is required during insertion and ejection. The chassis consists of a mobile structure that accommodates the leak detector. The chassis can optionally be equipped with odometers with reed switches for distance measurement and detection of reverse travel. The intended wiring, including the odometers with built-in reed switches and the connector for the leak detector, has only been evaluated for mechanical ignition hazards and is therefore only suitable for connecting designated GLD 20X leak detectors.

Type key:

GLD 30X – xxx

- Pipeline nominal diameter in mm  
100 to 1200 mm, in steps of 50 mm
- Digit for the special structure according to the intended use
- Number of the series
- Gottsberg Leak Detection

Technical specifications:

Maximum permitted operating pressure: 150 bar  
 Maximum allowed speed: 4 m/s  
 Maximum permissible ambient temperature range: -20 °C to +85 °C

(16) Reference number: 22TH0229

(17) Special conditions for safe use:

1. The technical data and the maximum range of the permissible ambient temperature range can be found in the operating instructions or the EU - Type Examination Certificate.
2. The chassis is only intended to accommodate designated leak detectors.
3. The chassis explosion group is determined by the built-in leak detector. The explosion group indicated on the chassis must match that indicated on the leak detector.
4. The chassis with the leak detector installed is only intended for use in suitable pig traps and pipelines. It must be ensured that the diameters and safety precautions, as well as measures for integrating into the potential equalization, match the respective design of the chassis. In particular, inwardly protruding weld seams and curvature radii must be observed.
5. Additional attachments or adjustments to the respective configuration may only be made in accordance with the manufacturer's specifications respecting with the operating instructions supplied.
6. Before using the chassis, check that it is in good condition. All wheels, especially the odometer arms, must run smoothly and move freely.

(18) Essential health and safety requirements:

Met by compliance with standards.

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Tuerkheim, 2022-12-22

