



# LEAK PREVENTION TECHNOLOGY

Our know-how for a clean and protected environment

Technology & Trends 03 | 2024

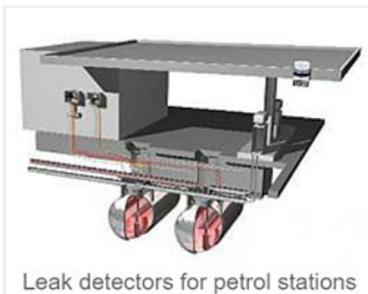
Dear Sir or Madam,

A year of forward-looking developments, great encounters, informative trade fairs and specialist events, exciting projects and special solutions is drawing to a close.

Before we start the new year, we would like to thank you very much for the pleasant cooperation and look forward to a healthy and successful 2025.

Your SGB team

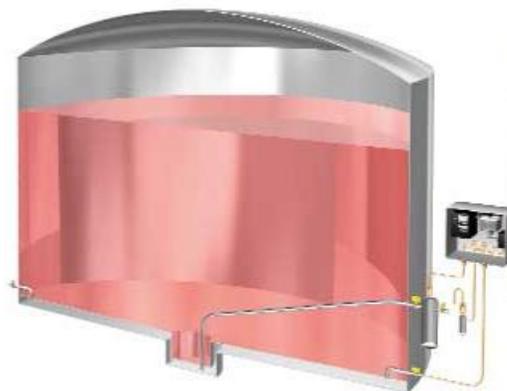
**The solution for reliable leak monitoring is just a single click away: [shop.sgb.de/en](http://shop.sgb.de/en)**



# Leak detectors for the "big things"

Flat-bottom tanks and other containers in tank farms, chemical and other industrial plants are reliably monitored for leaks using vacuum leak detectors. Different types are available depending on the location, environment and stored liquid. Our online shop page "Leak detectors for tank farms/chemical plants" shows which leak detector is suitable for which application. Here you can also see our animated videos on the functional principle. Just click in!

**[Directly to the shop](#)**



## Leak detection for LH2, LNG, NH3 and cryogenic applications

SGB's VLD (this is **v**acuum **l**oss **d**etector) is the monitoring solution for the high vacuum insulation at cryogenic LNG or liquefied hydrogen applications.

The VLD consists of two units:

- An explosion-proof high vacuum monitoring sensor
- Associated indicating units (single or double version) which trigger an optical and audible alarm. A dry relay contact for the alarm-forwarding is also included.

Tailored to your needs:

- Design of connections, e. g. flanges
- Pre-alarm and main alarm thresholds are programmed according to specification
- Also available with a fully Ex-protected indicating unit

**[Directly to the shop](#)**

**Our team will of course be happy to answer any questions you may have about the technical design of our leak detectors, areas of application, delivery times, special solutions, etc.:**

E-mail: [sgb@sgb.de](mailto:sgb@sgb.de)  
Telephone: +49 271 48964-0  
Peter Vass -30  
Steven Pfeifer -33  
Jonas Vitt -34  
Carsten Knatz -39  
Hans-Gerd Jersemann -44



## Unique: AC-DC in SGB leak detectors

Thanks to the VD-SMD technology used, many SGB leak detectors can be connected to 24 V DC (direct voltage) instead of 100-240 V AC (alternating voltage, usually 230 V AC in Europe). This is practical if PLC controls and other system components are already operated with 24 V DC. And it is also safer for man and machine!

**VD-SMD technology is standard for these leak detectors:**

- DLR-G ..
- DLR-P ..
- VL .. PM(MV)
- VLR .. PM(MV)
- VLXE .. M
- VLXE .. A-Ex
- VLXE .. ExM(MV)

Other device types on request:  
Phone: +49 271 48964-0  
E-mail: [sgb@sgb.de](mailto:sgb@sgb.de)

## No chance for phishing, pharming, spoofing & co.

*Spam calls, fake e-mails, websites that have been recreated to perfection: Cyber attacks of all kinds have become a perennial issue.*

We would therefore like to expressly point out once again that:

- We, SGB GmbH, will NEVER communicate a change of bank details by e-mail. Only the bank details stated on the invoice, which we always keep up to date, apply.
- We NEVER request sensitive information such as account or registration data by e-mail.

*Better safe than sorry!*

If in doubt, please check the sender's e-mail address carefully and contact us. We are here for you.





## SGB's availability at the end of the year

Please mind our availability and annual closing at the turn of the year.

### 20 Dec 2024, until 12 noon

Last working day. Deadline for accepting orders for this year's dispatch (only stock items): 9 am. The goods receiving department closes at 12 noon.

### 23 Dec 2024 until 5 Jan 2025

Company vacations.

### 6 Jan 2025

We are back for you!

## Bye-bye 2024, welcome 2025

We would like to thank you very much for the trust you have placed in us and hope that we can continue to work well together in the new year.

**Merry Christmas and a Happy New Year to you and your families**

Your SGB team

