



LEAK PREVENTION TECHNOLOGY

Our know-how for a clean and protected environment

Technology & Trends 02 | 2024

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Dear Sir or Madam,

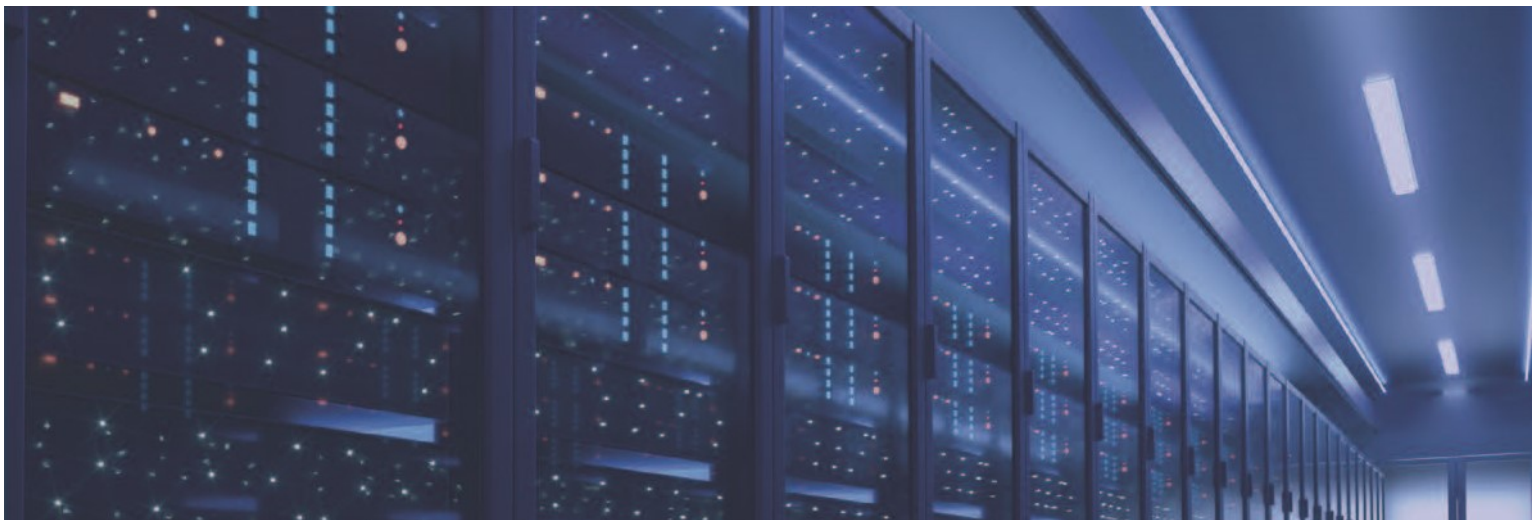
Are you planning a data center, hospital or other sensitive infrastructure protected by a diesel standby generator? If so, we have the perfect solution for you: safe and reliable **leak detection systems for tanks, pipes, and collecting chambers in emergency power systems**.

We're back in training! This fall, join our **webinars and in-person seminars** to learn the fundamentals of leak detection technology, along with in-depth insights into our pressure and vacuum leak detectors.

Meet us in person: We'll be attending various **trade shows and events**. Stop by to discover the latest innovations in leak detection technology.

Available for you at any time: our online shop at **shop.sgb.de/en**.

Stay safe this fall with SGB leak detection technology!



Safety for emergency power systems in data centers, hospitals and other sensitive infrastructure

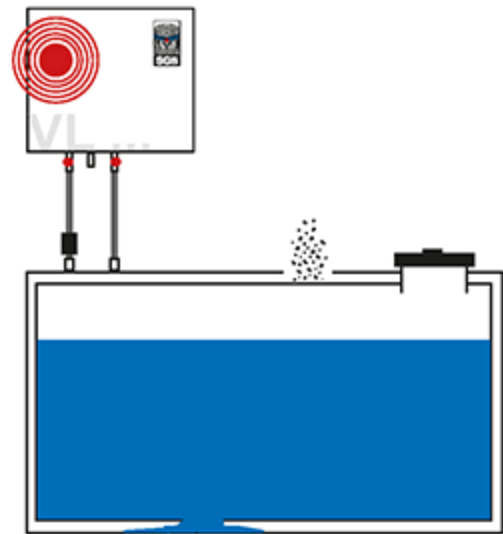
Safe tank monitoring

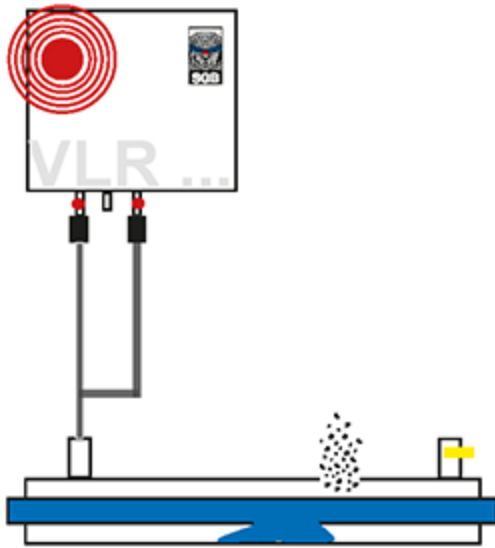
Diesel tanks for emergency power generators and many other containers are reliably and continuously monitored for leaks using the VL 34 and VL 330 vacuum leak detectors. A prerequisite is that the tank is double-walled. The vacuum created in the space between the two walls is monitored by the leak detector. In the event of a leak - whether in the inner or outer wall - an alarm is triggered (both visually and acoustically). The vacuum not only prevents diesel from leaking but also ensures that the storage location remains uncontaminated, allowing the operator to take appropriate action swiftly.

[VL 34 in detail](#)

[VL 330 in detail](#)

[Download brochure "data centers"](#)





Safe pipe monitoring

Pipes in emergency power systems are monitored with pipe leak detectors. The prerequisite for this is that the pipe is double-walled. The space between the inner and outer pipe is evacuated and then monitored with a vacuum leak detector. In the event of a leak, indicated by the changes in negative pressure, the leak detector, e. g. a VLR 410 E, activates both visual and acoustic alarms. "E" here signifies extended electronic functions, i. e. additional sensors and solenoid valves can be connected.

VLR 410 E in detail
[Download brochure "data centers"](#)



Safe monitoring of collecting chambers

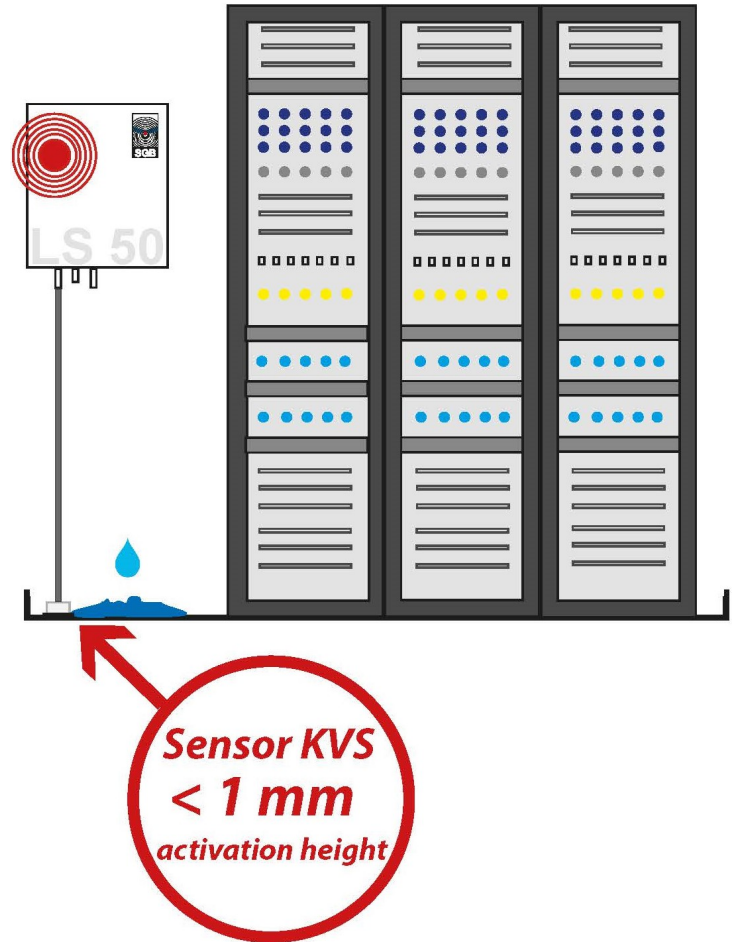
The LS 50 leakage probe reliably monitors collecting chambers, sumps and shafts. It emits an alarm as soon as the sensor comes into contact with liquid.

Multiple sensors with varying response heights are available:

- Float switch (FS), activation height approx. 3 cm
- Conductivity sensor (LS), activation height < 3 mm
- Capacitive sensor (KS), activation height < 5 mm
- **Capacitive fleece sensor (KVS), activation height < 1 mm**

LS 50 in detail

[Download brochure "data centers"](#)





We are training again

- *Online and in-person*
- *For beginners and advanced users*
- *Application-oriented and practical*

Our training courses cover both the fundamentals of leak detection technology and specialized knowledge about our leak detectors.

The events are tailored for operators, installers and fitters, specialist companies, experts and planners of systems with water-polluting substances.

Our webinars

Basic knowledge module: 29.10.2024

Tank protection module: 22.11.2024

Filling station/tank storage module: 3.12.2024

Equipment training module: 13.12.2024

Our in-person seminars

Tank protection: 7.11.2024

Filling station/tank storage: 14.11.2024

More Information

SGB on site: Trade shows and events

September 3-6, 2024, Hamburg

SMM Shipbuilding, Machinery and Marine Technology

ELAFLEX Group, Hall A1, Stand 327

September 11-12, 2024, Leipzig

Annual General Meeting BBS GT

with accompanying trade exhibition

October 22-24, 2024, Leipzig

Fuel & Gas Logistics

ELAFLEX Group, Hall 2, Stand G05/H06

October 23-24, 2024, Hamburg

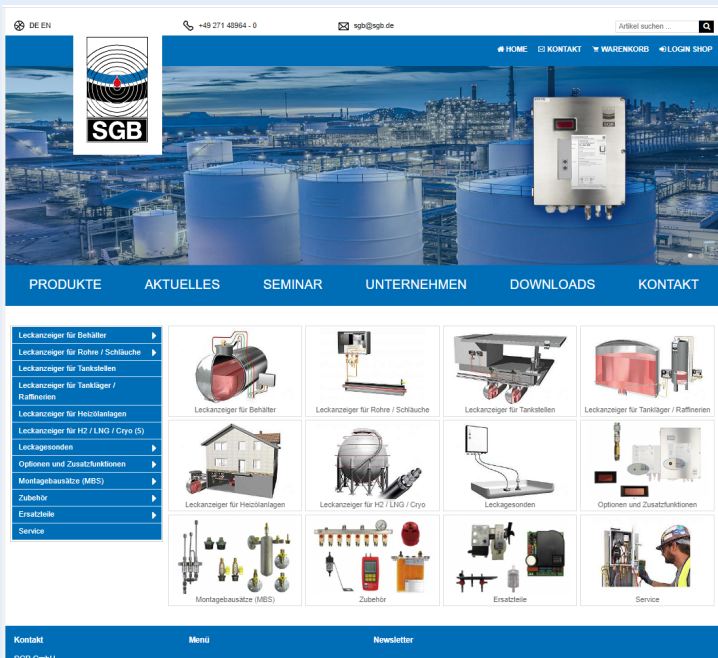
Hydrogen Technology Expo Europe

ELAFLEX Group, Stand 1B20

October 29-30, 2024, Munich

Conference Flat Bottom Tanks by TÜV Süd

with accompanying trade exhibition



24/7: shop.sgb.de/en

Available for you at any time: our B2B online shop at shop.sgb.de/en.

Discover our leak detection solutions for double-walled tanks, double-walled pipes and collecting chambers. Easily sorted by areas of use and fields of application!

Register now for more service

With our customer login, you benefit from direct ordering options, saving shopping baskets, price display, main account with individual user accounts, notepad, document history ...

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