



LEAK PREVENTION TECHNOLOGY

Our know-how for a clean and protected environment

Technology & Trends 02 | 2025

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Dear Mr. or Mrs.,

Let's talk about Ex: Monitoring tanks and pipes in Ex-areas or with Ex-liquids for tightness requires special equipment and expertise. We provide reliable, tailor-made leak detection solutions that are both effective and economical!

Our Ex-leak detectors - a reliable solution for every application:

- **VLX 330 A-Ex HK - the new XL solution for flat bottom tanks**
- **VLX(E) 330 A-Ex - the compact two-part models**
- **VLXE .. Ex - the industrial professional**
- **VLXE .. M - the filling station solution**
- **VLX 350 SA Ex - the only one for T1 to T6**

If you have any questions about our Ex-units, their applications or special features, please do not hesitate to contact us:

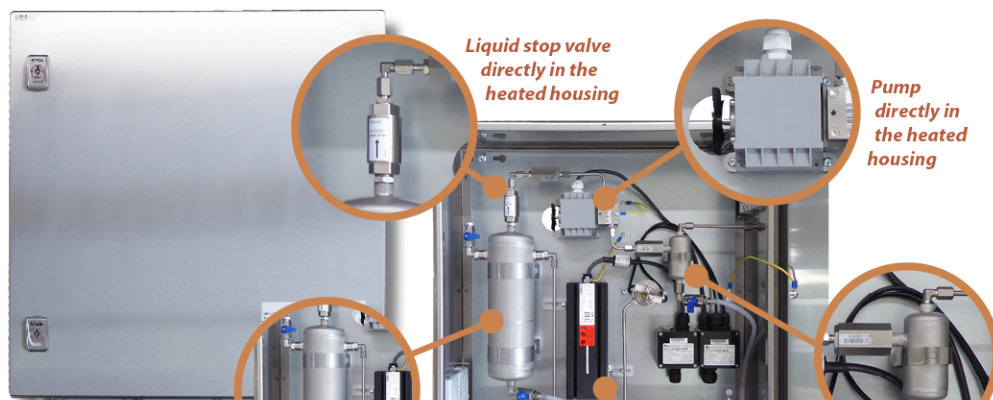
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E-Mail: sgb@sgb.de

Web: shop.sgb.de/en

In person: at many international **trade fairs and conferences**

*PS: **Congratulations to you!** Why? Because without you, we wouldn't be able to look back proudly on five years of shop.sgb.de!*



VLX 330 A-Ex HK

Extra-large
condensate
trap (1 Liter)

Integrated heating for
operating temperatures
from -20 to +60 °C

Condensate
trap in the
exhaust line

VLX .. A-Ex HK - the new XL solution for flat bottom tanks

Extra-large stainless steel housing with integrated heating

This model variant of the VLX 330 A-Ex features tried-and-tested technology in the new and bigger XL stainless steel housing (630 x 630 x 230 mm, IP 54):

- Plenty of space for components
- Integrated heating ensures a comfortable climate for the fixtures
- Less work involved with assembly thanks to pre-installed condensate traps and a liquid stop valve inside

The working unit (see above) is ex-proof, making it suitable for assembly in zone 1 or 2. The corresponding LAE HK leak indicating device is mounted outside of the Ex-zone.

- Available in different pressure levels
- More gas groups and temperature codes are possible

VLX(E) .. A-Ex: the compact two-part models

Whether it's the double bottom of a flat bottom tank or a tank/pipe at a filling station: The compact two-part design of the VLX(E) .. A-Ex series vacuum leak detectors makes them safe and economical to use for leak monitoring.

Leak detector (working unit):

- Ex-proof, either electro-mechanically or electronically depending on the version
- Assembly in zone 1 or 2

Leak indicating unit:

- Visual and acoustic alarm
- Potential-free relay contacts
- Assembly outside of the Ex-area
- With digital manometer, depending on the model





VLXE .. Ex - the industrial professional

This fully explosion-proof electronic vacuum leak detector is designed for the use with flat bottom tanks, double-walled tanks and pipes in industrial settings such as tank storage and refineries.

- Assembly in zone 1 or 2
- For pressures of up to 5 bar (up to 25 bar with a solenoid valve and up to 90 bar with an additional pressure switch ZD)
- Visual/acoustic alarm integrated directly in the unit
- Potential-free relay contacts
- Various pressure levels, gas groups
- Stainless steel version for high resistance requirements
- Also with Ex-solenoid valves and Ex-probes

VLXE .. M - the filling station solution

If overpressure monitoring at the filling station is not possible, we recommend the vacuum leak detector VLXE .. M.

- Partially ex-proof (pneumatics)
- Assembly outside of the Ex-area
- Various pressure levels available

The VLXE .. M monitors:

- Single-walled fuel tanks with leak protection lining
- Double-walled tanks with insufficient test pressure in the interstitial space
- Tanks with permeation of the inner wall
- Pipes (pressureless, or for diesel also up to 5 bar feed pressure)





VLX 350 SA-Ex - the only one for T1 to T6

Static* leak monitoring for flat bottom tanks, double-walled tanks and pipes, e.g. at filling stations, in tank storage and industrial settings.

This two-part system consists of a leak indicating device that is not ex-proof and an ex-proof contact pressure gage (leak detector).

The leak indicating device is mounted outside the Ex-area in a building or protective box. The leak detector (IP 65) is mounted directly onto tanks or pipelines in zone 1. It is made of stainless steel and can withstand pressure of up to 25 bar.

* Static means that the operating underpressure in the interstitial space is produced by an external vacuum pump.

SGB on site: International trade fairs

We will be there in person for you at the following events. Come and meet us – we look forward to your visit!

October 7-9, 2025, Munich (Germany)

inter airport Europe

You will find us at the ELAFLEX Group stand B6-470.

October 21-23, 2025, Hamburg (Germany)

Hydrogen Technology World Expo

You will find us at the ELAFLEX Group stand B6, 6L20.

November 13, 2025, Milton Keynes (GB)

apea LIVE

We will visit the exhibition.

We celebrate you!

Without you and your loyal use of our online shop, we would not be able to proudly look back on five years of shop.sgb.de/en/.

Thank you for your loyalty. We are working hard to keep you well informed about our pressure and vacuum leak detectors (Class I leak detection technology) and to ensure that your shopping experience at SGB is as safe, convenient and easy as possible.

Thank you very much!
Your SGB

