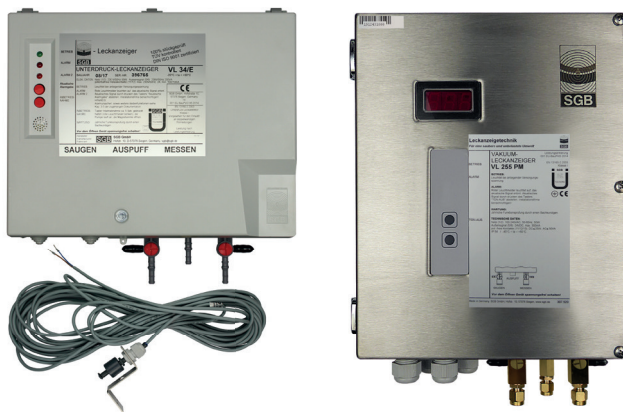


# LEAK PREVENTION TECHNOLOGY

For a clean and protected environment



## Vacuum leak detectors for tanks VL .. E with sensor



Variants • Equipment • Accessories

SCAN ME



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## Vacuum leak detector VL



### Equipment - SGB's standard

SGB vacuum leak detectors VL are electronic as standard and have an integrated pump. This vacuum pump maintains the vacuum or the preset operating pressure. This depends on several parameters such as the test pressure of the interstitial space, tank seize/height, type and configuration of the tank, etc.

Depending on the requirements of the plant, the VL vacuum leak detectors are available in various designs (please see online at [shop.sgb.de](http://shop.sgb.de)).



#### All SGB VL are fully electronic. Our standard includes:

- Electrical connection optionally at the top or at the bottom of the leak detector
- Long-living LED
- Long-living Piezo buzzer
- Three-way valves with detent in suction and measuring line
- Potential-free contacts for alarm forwarding
- Integrated tightness test of the system

#### + Housing variants + protective boxes

- User-friendly plastic box
- Weatherproof stainless steel box (P) for outdoor installation
- Reasonable protective box (ISO N 19) with horn (90 dB) for installation in damp rooms
- Weatherproof plastic protective box KS 1449 for outdoor installation

## VL .. E incl. sensor

VL .. E with a sensor do not only monitor single-walled tanks with a leak protection lining or double-walled tanks but also with the associated float switch collecting pans, manhole and monitoring chambers as well as bunds, pump sumps etc.

With the **VL 34 E**, the low negative pressure hardly puts any strain on the leak protection lining. The obligatory suction line to the low point of the interstitial space ensures that the alarm is given very early after an untightness has occurred.

Both the **VL 34 E** and the **VL 330 E** have additional terminals for connecting external signal transmitters and potential-free contacts for alarm transmission as standard.

#### Monitorable tanks:

- VL 34 E: Single-walled tanks with a leak protection lining
- VL 330 E: Double-walled tanks

#### With a sensor for:

- Collecting chambers and pans
- Manhole and monitoring chambers/shafts

#### Stored products:

Water-polluting liquids with flash point > 60 °C (for Germany > 55 °C acc. TRBS and TRGS) where no explosive vapor-air mixtures occur

#### Switching values:

Type VL .. E	Alarm pressure (alarm ON)	Operating pressure (pump OFF)
34	> 34 mbar	< 90 mbar
330	> 330 mbar	< 450 mbar



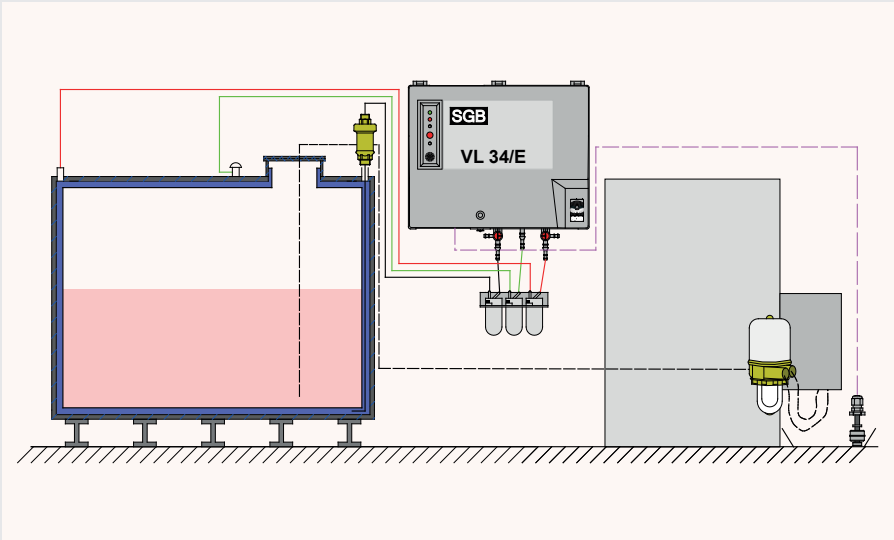
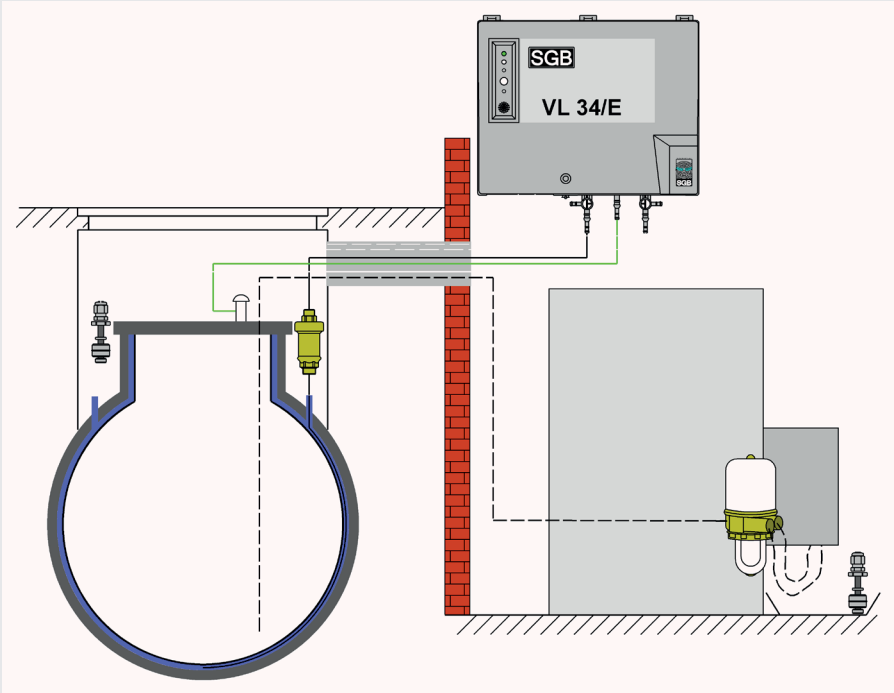
VL 34 E incl. sensor

#### VL .. E with a sensor:

- Easy installation
- Reliable technology
- Low maintenance
- Simple function control
- Cable break monitoring
- Optical and acoustic alarm notification with one device



Sensor in collecting pan



Leak detector VL 34 E



Art.-No.	Description	Euro	Qty
081034S00	Leak detector VL 34 E, sensor FS (15 m), 230 V AC, pl-box, H4+H6		1 pce

Leak detector VL 330 E



Art.-No.	Description	Euro	Qty
081330S00	Leak detector VL 330 E, sensor FS (15 m), 230 V AC, pl-box, H4+H6		1 pce

Installation kit



Art.-No.	Description	Euro	Qty
190806-00	Inst.-Kit VL 34-570, R1"m - H4+H6, PVC-hose 8/4 x 2 mm or 10/6 x 2 mm		1 pce

Condensate traps



Art.-No.	Description	Euro	Qty
310020	Triple condensate trap, each 30 ml, PVC-hose 8/4 x 2 mm or 10/6 x 2 mm		



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Service

+ Individualized type plates

We are happy to customize individualized type plates for you or your customers. The customization includes the intake of both the client's logo as well as the client's address.



+ Professional seminars

The choice, the construction and commissioning of leak detectors is not always easy due to the wide variety of liquids to be stored, containers, different types of leak detectors, and their differentiated use. There are overpressure leak detectors, underpressure leak detectors, several versions for indoor and outdoor use as well as version for the use in Ex-zones ...

Especially for „newbies“ it is difficult to keep track of when each leak detector is required and how it must be put into operation.

Our professional seminar helps here – with in-depth background information and many practical demonstrations.

More information and booking form on [sgb.de/en/seminar](http://sgb.de/en/seminar)

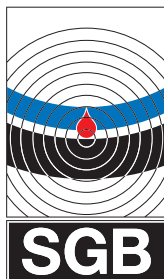
The theoretical part deals with:

- legal background
- technology and functioning
- monitoring of tanks and liquids
- application areas and the limitation of use
- assembly, maintenance, and testing
- presentation of essential products

With practical demonstrations:

- examination of leak detectors
- fault detection, troubleshooting
- exchange defective parts
- function control
- leak test





## Contact and Imprint

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