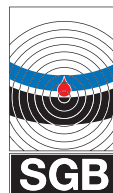
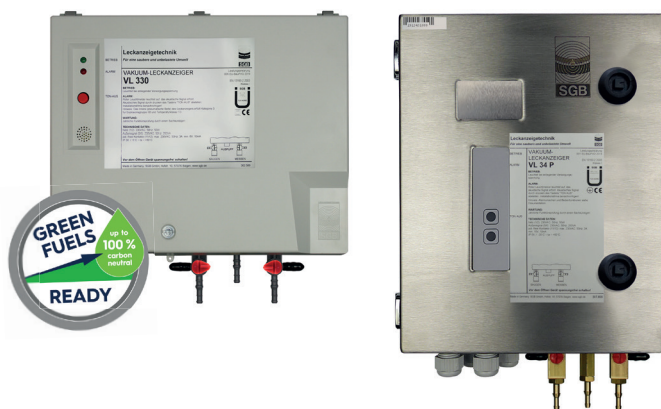


LEAK PREVENTION TECHNOLOGY

For a clean and protected environment



Vacuum leak detectors for tanks VL 34



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 also page 6, options and additional functions).



All SGB VL are fully electronic. Our standard includes:

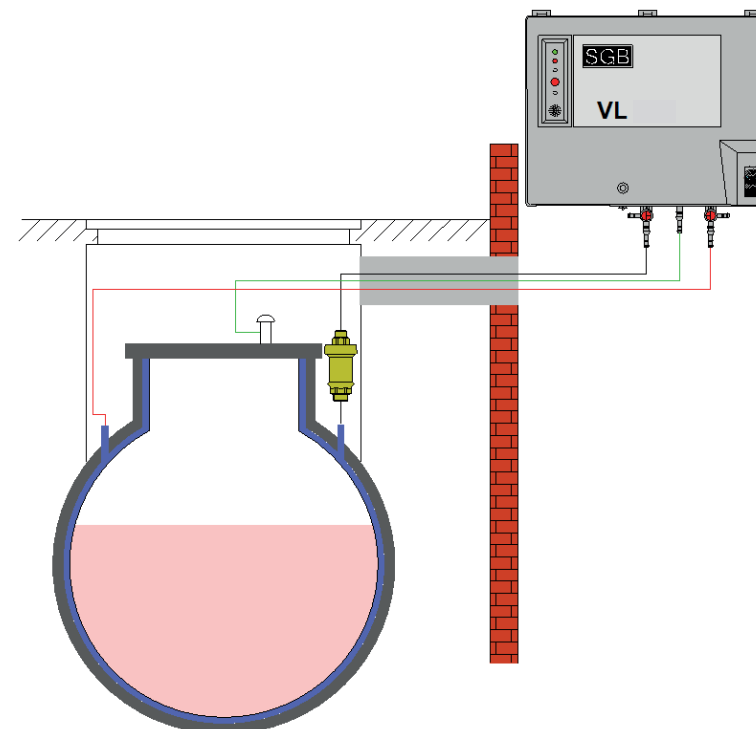
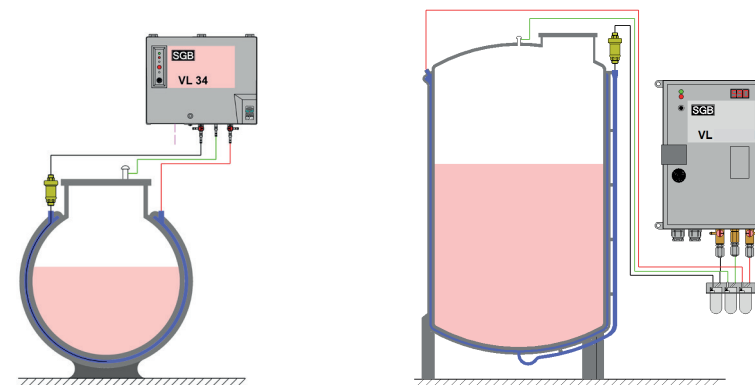
- Electrical connection optionally at the top or at the bottom of the leak detector
- Long-living LED
- Long-living Piezo buzzer
- Three-way valves with detent in suction and measuring line
- Potential-free contacts for alarm forwarding
- Integrated tightness test of the system

+ 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

Installation schemes VL 34

The VL 34 monitors aboveground tanks (see top schemes) and underground tanks (see bottom schemes).



VL 34

For single-walled tanks with a leak protection lining and other containments with a suction line for the leak detector to the low point of the interstitial space. Not explosion-proof design!

Type with alarm underpressure (mbar):
VL 34

Operating pressure:
ca. < -120 mbar

Monitorable tanks:

- Single-walled containers with a leak protection lining e.g. acc. to DIN 6608, 6616, 6625
- Vertical tanks acc. to DIN 6618/2

Stored products:

Water-polluting liquids with a flash point > 60 °C (for Germany > 55° C acc. to TRBS/TRGS), e.g. heating oil, diesel

VL 34 versions:

- VL 34 S - with service display
- VL 34 Si - with service indication
- VL 34 FA - with filling level indication
- VL 34 FAS - with level- and service indication



VL 34 in plastic housing (top)
and in high-quality weather-proof
stainless steel housing (down)



Type	Standard	Service display fixed (S)/variabel (Si)	Filling level indica- tion (FA)
VL 34	✓		
VL 34 S/Si	✓	✓	
VL 34 FA	✓		✓
VL 34 FA S	✓	✓	✓

VL 34 - helpful options and additional functions

Service display S

The integrated service display reports the prescribed function test for the leak detector every year (the yellow LED flashes). As part of this check, the service indicator counter is reset by the specialist company's employee. After 12 months, the due service is again indicated by the yellow LED.



Adjustable service indication Si

When the leak detector is commissioned, the time for the prescribed functional test can be freely selected within the specified maintenance interval. Time intervals from 1 to 63 months can be set. The service display (yellow LED at the very bottom) visually reports the pending function test for the leak detector.



Filling level indication FA7

The electronic level indicator integrated in the leak detector determines the level in the connected tank (diesel or heating oil tank) easily and conveniently at the push of a button. The content is automatically displayed alternately in liters, in percent and in centimeters. The values appear in the new 5-digit display.



Service: Customized type plates

We would be happy to produce customized type plates for you or your customers. Both the customer's logo and the address can be included.



Article report VL 34
with PVC hose as connecting line

All versions now online:
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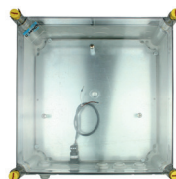
Leak detector VL 34 ..

Art.-No.	Description	Euro	Qty
080034-00	Leak detector VL 34, 230VAC, pl-box, H4+H6		1 pce
104850	Additional price for version "S" service display		1 pce
104852	Additional price for version "Si" service indication (1-63 months)		1 pce
104865	Additional price for version "M" digital manometer		1 pce
104000-00	Leak detector VL 34 P, 230VAC, ss-box, H4+H6		1 pce



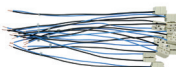
Protective boxes

Art.-No.	Description	Euro	Qty
220505	Protective Box ISO N19, with Horn 90 dB 340x340x180 mm, Prep. to mount a VL 34		1 pce
220525	Protective box KS 1449, 400x600x200mm, LD prepared f. installat.		1 pce



Cable extension

Art.-No.	Description	Euro	Qty
385385	Cable extension for peplace a device VL-N/H...nach VL..., 10 pieces as Unit		1 pce



We are happy to advise you in the selection of the right leak detector - please feel free to contact us:
+49 271 48964-0

Article report VL 34
with PVC hose as connecting line

Condensat traps

Art.-No.	Description	Euro	Qty
310020	Triple condensate trap, each 30ml, PVC-hose 8/4x2mm or 10/6x2mm		1 pce
310030	Condensate trap, S4, 1 liter, brass/MAK, with drain screw		1 pce
310032	Condensate trap, S4, 1 liter, brass/MAK, with drain valve, PVC-hose with 4mm i.d.		1 pce

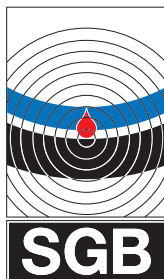


PVC hose

Art.-No.	Description	Euro	Qty
260101	PVC hose, red, 8/4x2mm, 100 m roll		1 roll
260103	PVC hose, green, 8/4x2mm, 100 m roll		1 roll
260105	PVC hose, clear, 8/4x2mm, 100 m roll		1 roll
260111	PVC hose, red, 10/6x2mm, 100 m roll		1 roll
260113	PVC hose, green, 10/6x2mm, 100 m roll		1 roll
260115	PVC hose, clear, 10/6x2mm, 100 m roll		1 roll



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Contact and Imprint

SGB GmbH

Hofstr. 10
57076 Siegen
Germany

T 0271 48964-0

E sgb@sgb.de

W www.sgb.de

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