

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:

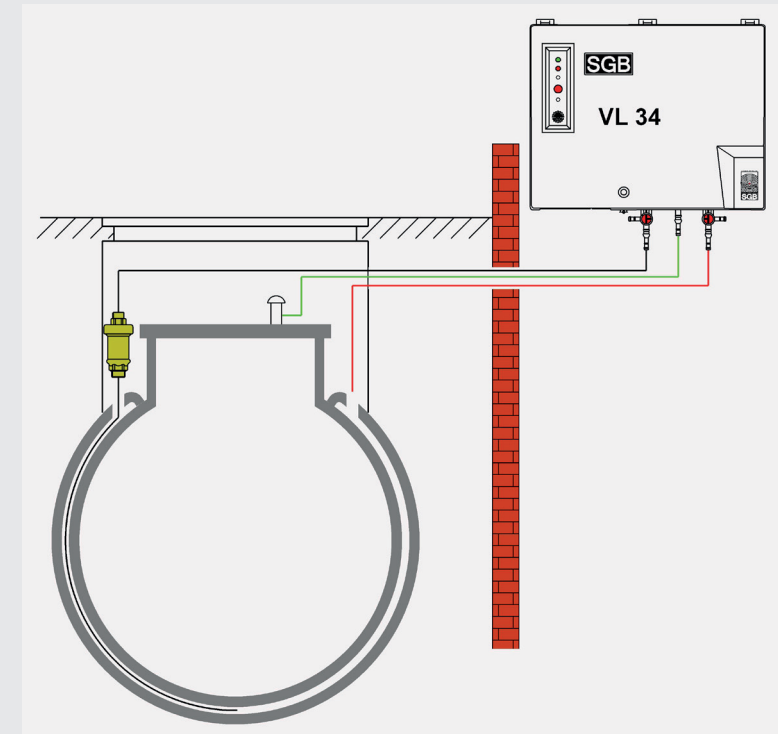
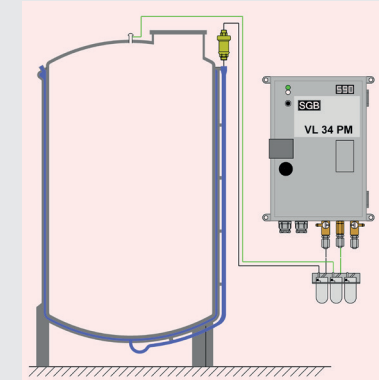
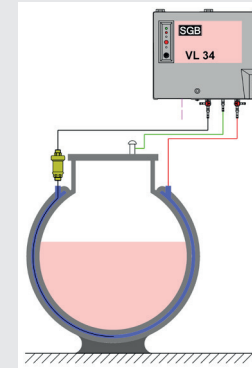
- Electrical connection optionally at the top or at the bottom of the leak detector
- Long-living LED
- Long-living Piezo buzzer
- **Three-way valves with detent in suction and measuring line**
- Potential-free contacts for alarm forwarding
- Integrated tightness test of the system

+ 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

NEW Now with technically improved level indicator FA7



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 indication (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.



NEW 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.

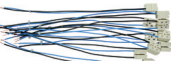



Article report VL 34
with PVC hose as connecting line

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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 90dB 340x340x180 mm, Prep. to Mount a VL 34		1 pce
	220520	Protective box KS 1448, 400x400x200mm, 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

Measuring hose	Art.-Nr.	Description	Euro	Qty
	110730	Measuring hose oil proof, 3 m, tank screw connection		1 pce

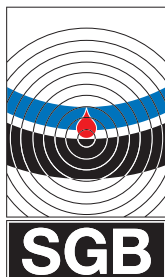
Article report VL 34
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Condensat traps	Art.-No.	Description	Euro	Qty
	310020	Triple condensate trap, each 30ml, PVC-hose 8/4x2mm or 10/6x2mm		1 pce
	310030	Condensate trap, S4, 1 liter, brass/MAK, with drain screw		1 pce
	310032	Condensate trap, S4, 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

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

 Or visit us at any time in our new B2B web shop:
shop.sgb.de



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