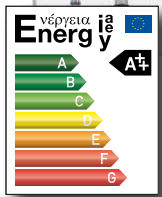


Eurovac leak detector

For the safe monitoring of double-walled tanks and single-walled tanks with inner lining.



1. Im **Betriebszustand** müssen die beiden Ventile an die angegebene Position stellen und die grüne LED muss leuchten.
 2. Im **Alarmfall** leuchtet die rote LED und der Alarm ertönt. Alarm durch Drücken des Taste „Quellwasser“ ausschalten und Inbetriebnahme beschleunigen.
 3. **Wartung** 1 x jährlich durchführen. Serviceanleitung beachten (siehe Absatz 4.8).

Your benefits

- + Class I leak detector as per EN 13160-1, -2
- + Compact, modern design for a professional appearance
- + With visual and audible alarms, Acknowledge button and switching output
- + High energy efficiency: Economical, powerful DC motor with high starting torque
- + Service indicator for annual maintenance
- + Large voltage range (AC 100–240 V) for worldwide application
- + With power failure monitoring
- + Indication of pump operating time
- + Low-noise operation
- + Sintered plastic filter and condensate trap to protect the pump
- + New hose connection technology for permanently improved tightness
- + Electronic pressure sensor for permanently stable switching points

EnOcean-ready

Can be combined with
EnOcean® wireless module TCM 320
 for integration into building automation systems.



Application

Class I vacuum type leak detector according to EN 13160 for safe monitoring of double-walled tanks and single-walled tanks with inner lining for the storage of non-flammable liquids and flammable liquids with a flash point ≥ 55 °C

(formerly danger class A III) as well as AdBlue® (urea solution 32.5 %) according to DIN 70070. The broad voltage range (AC 100–240 V) allows for application in a large variety of countries.

Description

Compact leak detector in a robust wall mounting housing with audible and visual alarms. The audible alarm can be muted with the Acknowledge button. Eurovac maintains a vacuum in the interstitial space of the tank (high or low vacuum range, depending on the version). The vacuum pump is operated by an economical DC motor with a high starting torque (energy efficiency class AA++). Eurovac features a switching output for additional equipment (such as additional alarm unit ZAG 01) or integration into building control systems. The pump operating time can be displayed.

Three hose connections (red, white, green) for the pneumatic connection to the interstitial space of the tank. The universal connection pieces can be used for 4 mm and 6 mm hoses.

The sintered plastic filter in the condensate trap indicates the current degree of pollution and can easily be replaced from the outside, if necessary. Electrical connection from the top or from the bottom. An optional 9 V battery can be connected so that an alarm is triggered in the case of power failure. For outdoor applications, Eurovac is available in a protective housing (IP 55).

Technical specifications

Operating temperature range	Ambient: -5/+50 °C In protective housing with heating: -25/+50 °C
Supply voltage	AC 100–240 V
Nominal power	< 10 VA
Switching output	Relay contact: 1 voltage-free changeover contact
Contact rating	Max. 250 V, 2 A, resistive load
Operating pressure in interstitial space	Eurovac NV: -70 mbar Eurovac HV: -400 mbar
Housing	Wall mounting housing made of impact-resistant plastic (ABS) W x H x D: 202 x 230 x 70 mm Degree of protection: IP 30 (EN 60529)
Emissions	Alarm sound: Min. 70 dB(A)

Alarm units with the "EnOcean-ready" label can be integrated into your existing building automation systems at a later point in time. To do so, plug the EnOcean® wireless module into the EnOcean® interface (PCB of the device). The AFRISO Gateway in conjunction with additional AFRISO products with EnOcean® wireless technology allows the user to configure a whole range of fully customisable, extensible measures for the protection of building.

Eurovac is available in two versions: Eurovac NV generates a low vacuum (approx. -70 mbar) in the interstitial space of the tank. Eurovac HV operates in the high vacuum range (approx. -400 mbar). Eurovac HV enables monitoring of additional media (such as used oil, hydraulic oil, cooling agent from grinding processes, brake fluid, etc.). If Eurovac NV is used, the suction line must reach to the bottom of the interstitial space.



Design and housing of the Eurovac have been adapted to the WATCHDOG alarm unit family: The uniform appearance ensures customer confidence and underpins the professionalism of the specialised company.

Eurovac complies with the EMC Directive (2004/108/EC), the Low Voltage Directive (2006/95/EC) and has a CE marking as per EC Construction Products Directive 305/2011, EN 13160-1, -2.



Eurovac in protective housing.

DG: H	Part no.
Eurovac NV (low vacuum)	43755
Eurovac NV in protective housing (IP 55) without heating, without horn	43788
Eurovac NV in protective housing (IP 55) without heating, with horn	43782
Eurovac NV in protective housing (IP 55) with heating, without horn	43792
Eurovac NV in protective housing (IP 55) with heating and horn	43789
Eurovac HV (high vacuum)	43750
Eurovac HV in protective housing (IP 55) without heating, without horn	43774
Eurovac HV in protective housing (IP 55) without heating, with horn	43776
Eurovac HV protective housing (IP 55) with heating, without horn	43793
Eurovac HV in protective housing (IP 55) with heating and horn	43781
EnOcean® wireless module TCM 320	78082

Your dealer

Ident-Nr. 991517_06718_11/14



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Measuring. Controlling. Monitoring.



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