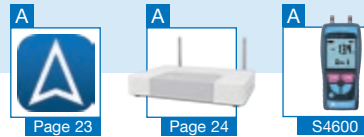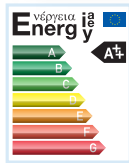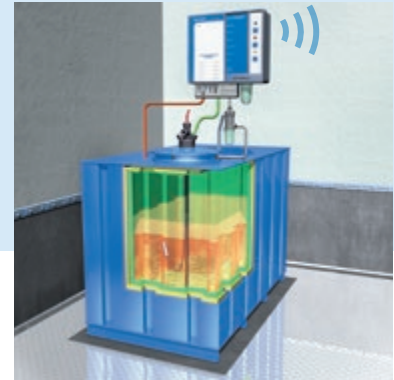# Vacuum type leak detector Eurovac NV

as per German WHG, AwSV and BetrSichV, class I, EN 13160-1

enocean®   **NEW**

- **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**
- **With power failure monitoring**

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Application

Class I vacuum type leak detector according to EN 13160 for safe monitoring of double-walled and single-walled tanks with inner lining for the storage of non-flammable liquids and flammable liquids (mineral oil products with a flash point ≥ 55 °C) of danger class A III as well as AdBlue® (urea solution 32.5 %) according to DIN 70070.

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 NV maintains a vacuum in the interstitial space of the tank (low vacuum range). 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 NV is available in a protective housing (IP 55).

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.

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
Interstitial space: -60 to -85 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)

Alarm sound
Min. 70 dB(A)

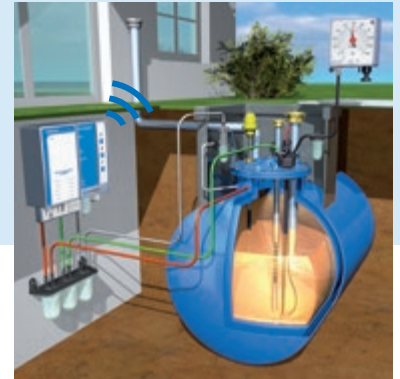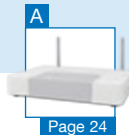**Technical Approval of the German Institute for Civil Engineering (DIBt)**
Z-65.22-382

DG: H	Part no.	Price €
Eurovac NV (low vacuum)	43756	
Eurovac NV in protective housing (IP 55) without heating, without horn	43788GB	
Eurovac NV in protective housing (IP 55) without heating, with horn	43782GB	
Eurovac NV in protective housing (IP 55) with heating, without horn	43792GB	
Eurovac NV in protective housing (IP 55) with heating and horn	43789GB	
EnOcean® wireless module TCM 320	**78082**	

AFRISO

Vacuum type leak detector Eurovac HV

as per WHG, AwSV and BetrSichV, class I, EN 13160-1

enocean®

NEW

- 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
- With power failure monitoring

A	A	A
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Application

Class I vacuum type leak detector according to EN 13160 for safe monitoring of double-walled and single-walled tanks with inner lining for the storage of non-flammable liquids and flammable liquids (mineral oil products with a flash point ≥ 55 °C) of danger class A III as well as AdBlue® (urea solution 32.5 %) according to DIN 70070. Eurovac HV enables monitoring of additional media (such as used oil, hydraulic oil, cooling agent from grinding processes, brake fluid, etc.).

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 HV maintains a vacuum in the interstitial space of the tank (high vacuum range). 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 HV is available in a protective housing (IP 55).

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.

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
Interstitial space: approx. -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 60259)

Alarm sound
Min. 70 dB(A)

Technical Approval of the German Institute for Civil Engineering (DIBt)
Z-65.22-4

DG: H	Part no.	Price €
Eurovac HV (high vacuum)	43751	
Eurovac HV in protective housing (IP 55) without heating, without horn	43774GB	
Eurovac HV in protective housing (IP 55) without heating, with horn	43776GB	
Eurovac HV protective housing (IP 55) with heating, without horn	43793GB	
Eurovac HV in protective housing (IP 55) with heating and horn	43781GB	
EnOcean® wireless module TCM 320	78082	