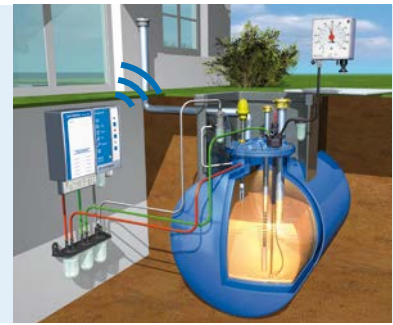


Vacuum type leak detector Eurovac HV

as per WHG and BetrSichV, class I, EN 13160-1/-2



- 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 outage monitoring



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 unpressurised storage of water-polluting liquids with a flash point > 55 °C 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.). 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 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. With condensate trap to protect the electronics. 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 outage. For outdoor applications, Eurovac HV is available in a protective housing (IP 55).

Alarm units with the EnOcean-ready label allow for wireless integration into a building automation system. To do so, plug the EnOcean® wireless module TCM 320 into the EnOcean® interface (PCB of the device). The AFRISOhome gateway in conjunction with additional AFRISO Smart Home products with EnOcean® wireless technology allow you to configure a whole range of fully customisable, extensible features for the protection of plants and buildings.

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)

Approval for construction products

CE marking as per EC Construction Products Regulation 305/2011, EC 574/2014, EN 13160-1/-2 and ÜHP

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See page 59 for inner linings and a complete range of mounting accessories.

See the catalogue PORTABLE MEASURING INSTRUMENTS, page 31, for testers for vacuum type leak detectors.

PG: 4	DG	Part no.	Price €
Eurovac HV (high vacuum)	H	43750	
Eurovac HV in protective housing (IP 55) without heating, without horn	H	43774	
Eurovac HV in protective housing (IP 55) without heating, with horn	H	43776	
Eurovac HV protective housing (IP 55) with heating, without horn	H	43793	
Eurovac HV in protective housing (IP 55) with heating and horn	H	43781	
EnOcean® wireless module TCM 320	G	78082	