

Vacuum type leak detector Eurovac HV



Benefits

- 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 (with optional 9 V battery)
- Leak detector class I, EN 13160-1/2
- Large supply voltage range (AC 100–240 V) for worldwide application
- Relay output for additional signalling devices, additional alarm units, event reporting systems or for integration into building control systems
- Version in protective housing (IP 55), available with heating and/or horn

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.

Versions

	Part no.
Eurovac HV	43750
Eurovac HV in protective housing (IP 55)	43774
Eurovac HV in protective housing (IP 55) with heating	43793
Eurovac HV in protective housing (IP 55) with heating and horn	43781
Eurovac HV in protective housing (IP 55) with horn	43776

Blue part no. = in-stock items

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 can be integrated into your existing building automation systems at a later point in time.

To do so, plug the EnOcean® wireless module TCM 320 into the EnOcean® interface (PCB of the device). The AFRISO gateway in conjunction with additional AFRISO products with EnOcean® wireless technology allow you to configure a whole range of fully customisable, extensible features for the protection of buildings.

Technical specifications

Operating temperature range

Ambient: -5/+50 °C
 In protective housing -25/+50 °C
 with heating:
 Storage: -25/+60 °C

Supply voltage

AC 100 – 240 V

Nominal power

< 10 VA

Switching output

Relay contact: 1 x voltage-free changeover contact
 Contact rating: Max. AC 250 V, 2 A

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

Weight: 1.1 kg

Degree of protection: IP30 (EN 60529)

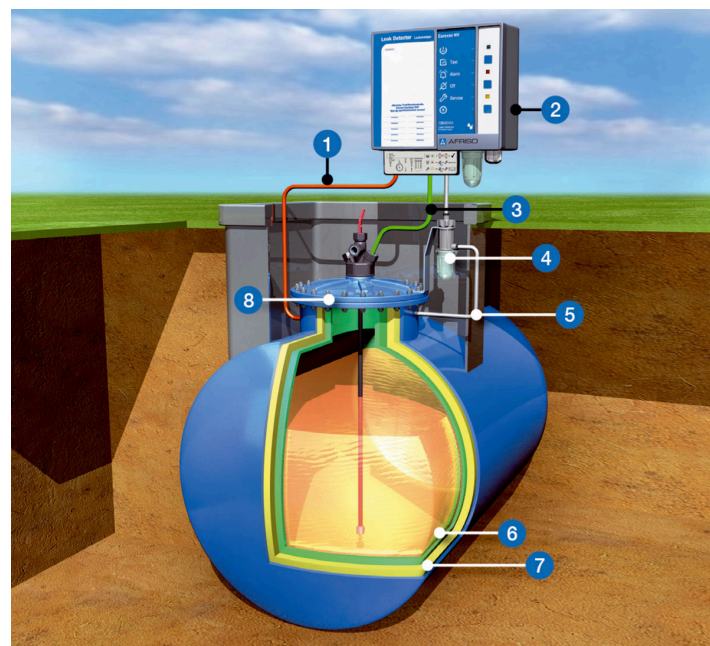
Alarm sound

Min. 70 dB(A)

Approval for construction products

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

Detail views



1. Measuring line
2. Eurovac leak detector
3. Exhaust line
4. Liquid barrier
5. Suction line/suction line perforated
6. Inner lining
7. Intermediate layer (fleece)
8. Fastening ring