

Vacuum type leak detector Eurovac NV



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 65), available with heating and/or horn



Application

Class I vacuum type leak detector according to EN 13160-1/-2 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, also AdBlue® (urea solution 32.5 %) according to DIN 70070 or other media (e.g. used hydraulic oil, cooling agent from grinding processes, etc). The broad voltage range (AC 100–240 V) allows for application in a large variety of countries.

Versions

	Part no.
Eurovac NV	43755
Eurovac NV in protective housing (IP 65)	43788
Eurovac NV in protective housing (IP 65) with horn	43782
Eurovac NV in protective housing (IP 65) with heating	43792
Eurovac NV in protective housing (IP 65) with heating and horn	43789

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 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. 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 NV is available in a protective housing (IP 65). 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/+60 °C
In protective housing with heating: -25/+60 °C
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. -70 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: IP 30 (EN 60529)

Alarm sound

Min. 70 dB(A)

Approval

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