

Leak detector

benefits

- EU type examination certificate
- Version as per German WHG/AwSV and BetrSichV
- with fail-safe mode
- for monitoring of aboveground, double-walled tanks



Application

For double-walled tanks with liquid in the interstitial space. For monitoring water-polluting liquids stored aboveground. The LAG container can be installed in hazardous areas zones 0, I and II (e.g. manhole of petrol tanks). Approved for all suitable tanks under atmospheric conditions. Since July 2003, the LAG-14 leak detector may only be used for replacements of existing systems at underground, double-walled tanks as a result of the reclassification of water-polluting liquids in Germany!

Description

Class II leak detector (EN 13160-1/-3) with intrinsically safe probe circuit. The system consists of a control unit, a container for leak detection fluid (LAG container black) and a probe. Control unit with operating and alarm indicators, audible/visual alarm, test button and increased interference protection. The audible alarm can be muted with the Acknowledge button. The voltage-free relay contact is provided for connection of additional external alarm equipment (such as horns,) or an additional alarm unit ZAG 01. With fail-safe mode: Audible alarm if the probe fails. Suitable for panel mounting with a mounting frame; a sealing kit (IP 54) is available for rough application conditions. The LAG container serves as detection container and as expansion vessel at the same time. For aboveground tanks, the ratio between usable contents and total volume of leak detection fluid must be no more than 1:35. If the interstitial space has a greater volume, you must use additional containers.

Technical Specifications

Operating temperature range

Ambient: -20/+50 °C

Storage: -25/+60 °C

Supply voltage

AC 230 V

Nominal power

5 VA

Housing

Wall mounting housing made of impact-resistant plastic (ABS)

W x H x D: 100 x 188 x 65 mm

Weight: 400 g

Degree of protection: IP 30 (EN 60529)

Switching output

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

Alarm sound

min. 70 dB(A)

Tanks

antistatic plastic, black
W x H x D: 300 x 325 x 145 mm
Active volume: 4.5 l
Total volume: 10 l
outlet: G¾ female
Degree of protection: IP 20 (EN 60529)

approval

CE marking as per EC Construction Products Regulation 305/2011,
EU 574/2014, EN 13160-1/-3 and ÜHP

EU type examination certificate

TPS 22 ATEX 015639 0019 x
Ex II (1) G [Ex ia] Ga IIC

Scope of delivery

- Control unit
- Tanks
- Probe

Versions

			Part no.
leak detector LAG-14 ER	with relay, including container and probe		43410
 in-stock items  Non-stock items			