

# Leak detector LAG-13 KR

Class II, EN 13160-1/-3



- Version as per WHG and BetrSichV
- For monitoring of aboveground, double-walled tanks
- With fail-safe mode



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**Application** For double-walled tanks with liquid in the interstitial space. For monitoring water-polluting liquids with a flash point of  $\geq 55$  °C stored aboveground. Approved for all suitable tanks under atmospheric conditions.

Since July 2003, the LAG-13 leak detector may only be used for replacement deliveries for underground, double-walled tanks as a result of the reclassification of water-polluting liquids in Germany.

**Description** Non-intrinsically safe class II leak detector (EN 13160-1). Consisting of control unit, leak detection fluid container (LAG container white) and 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: Alarm is triggered 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:  $-5/+50$  °C  
Storage:  $-10/+60$  °C

### Supply voltage

AC 230 V

### Control unit

Wall mounting housing made of impact-resistant plastic (ABS)  
W x H x D: 100 x 188 x 65 mm  
Degree of protection: IP 30 (EN 60529)

### Switching outputs

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

### Tanks

Plastic, white  
W x H x D: 300 x 325 x 145 mm  
Usable contents / total contents: 4.5 l / 10 l  
Outlet: G $\frac{3}{4}$   
Degree of protection: IP 20 (EN 60529)

### Approval for construction products

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

DG: G	PG			Part no.	Price €
<b>LAG-13 KR (not intrinsically safe), with container and probe</b>	4	1	5	<b>43500</b>	
<b>LAG container white</b> without probe	1	1	-	<b>40730</b>	
<b>Control unit LAG-13 KR</b>	4	1	-	<b>40630</b>	
Accessories					
<b>Mounting frame</b>	1	1	-	<b>43521</b>	
<b>Sealing kit (IP 54)</b>	1	1	-	<b>43416</b>	
<b>LAG mounting kit</b>	1	1	-	<b>40540</b>	
<b>Mounting kit for 1 additional LAG container</b> (without container)	1	1	-	<b>40539</b>	
<b>Leak detection fluid - concentrate</b>	1	1	-	<b>43645</b>	

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See page 49 for a detailed product description LAG container.