

Leak detector LAG-13 K

Class II, EN 13160-1, -3



- Version as per WHG and BetrSichV
- For monitoring of aboveground, double-walled tanks
- With Fail-Safe mode
- Easy, wireless integration into smart building system AFRISOlab



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Application For double-walled tanks with liquid in the interstitial space. For monitoring flammable and non-flammable water-polluting liquids with a flash point of ≥ 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 Class II leak detector (EN 13160-1), not intrinsically safe. 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. 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 an additional container. Alarm units with the EnOcean®-inside label allow for easy, wireless integration into your existing building automation systems. The EnOcean® wireless module TCM 320 is already integrated in 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 plants and buildings.

Technical specifications

Operating temperature range

Ambient: -5/+55 °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 40 (EN 60529)

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, EN 13160-1 and ÜHP

DG: G	PG			Part no.	Price €
LAG-13 K (not intrinsically safe), with container and probe	4	1	5	43500	
LAG-13 K (not intrinsically safe), EnOcean®-inside, with container and probe	4	1	-	43504	
LAG container white without probe	1	1	-	40730	
Control unit LAG-13 K	4	1	-	40630	
Accessories					
Mounting frame	1	1	-	43521	
Sealing kit (IP 54)	1	1	-	43416	
LAG mounting kit	1	1	-	40540	
Mounting kit for 1 additional LAG container (without container)	1	1	-	40539	
Leak detection fluid - concentrate	1	1	-	43645	

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See page 53 for a detailed product description LAG container.