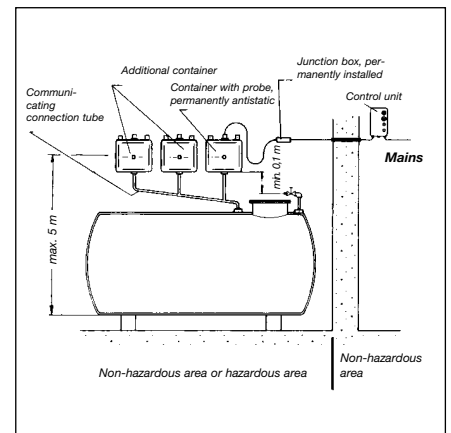


Leak detectors, intrinsically safe

according to ATEX, WHG and VbF



LAG-14 ER with relay

This class II (EN 13160-1: 2003) leak detector with an intrinsically safe probe circuit is designed for double-skinned tanks containing liquid in the interstitial space. The unit is designed for monitoring inflammable liquids of danger classes A I, A II, A III and B stored aboveground and non-inflammable water-polluting liquids. The system consists of a control unit, a container for leak monitoring fluid and a probe. CE-certified control unit with visual and audible alarms, test button and increased interference protection. With relay for connection of additional alarm equipment.

Approved for tanks according to EN 12285-1, EN 12285-2, DIN 6618-1, DIN 6619-1, DIN 6623-1, DIN 6624-1.

The container for leak monitoring fluid is made from antistatic plastic and can be mounted in hazardous areas of zones I and II (e.g. access chamber of petrol tanks). The control unit can be panel mounted using a special frame.

Technical Approval of the German Institute for Building Technology: Z-65.24-1

EC design type approval:
TPS 03 ATEX 15639 6
Ex II (1) G [EEx ia] IIC and [EEx ia] IIB

LAG container, black, intrinsically safe, without probe

The container for leak monitoring liquid serves as detection container and, at the same time, as an expansion vessel. Its usable contents amounts to 4.5 l (total contents 9 l). For underground tanks, the ratio between usable contents and total volume of leak monitoring fluid must be no more than 1:100. This means that if the liquid in the monitoring system exceeds 450 l (for tanks according to EN 12285-1 approx. more than 60,000 l), an additional container must be used. The maximum ratio for aboveground tanks and tanks with no more than 30 cm of earth coverage is 1:35 (i.e. for tanks according to EN 12285-1, EN 12285-2, approx. more than 20,000 l).

Important information:

As a result of the reclassification of water polluting substances in Germany, class WGK 0 for water polluting substances no longer exists. All substances previously assigned to WGK 0 now belong at least to class WGK 1. This means that since June 30, 2003, liquid based leak detectors may no longer be put forward for use on underground, double-skinned tanks. Legally existing installations may continue to be operated. Spare parts may be delivered. The reclassification does not affect liquid based leak detectors used on aboveground, double-skinned tanks. They continue to be compliant.

DG: G	PU	Part no.	Price €
LAG-14 ER with relay	5	43410	
LAG container black	1	40731	

