



Leakage Alarm
with note of approval

*For optimum protection
of storage tank inside retention
tank and leakage alarm*



Leakage alarm with certificate of approval:

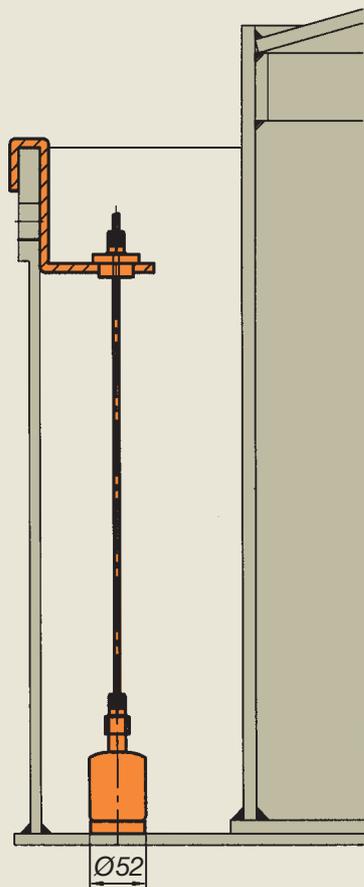
Storage tanks for hazardous liquids must be placed inside a retention facility providing that in case of a leaking tank no danger to the environment will have to be concerned. The German regulations WHG (Federal German Water Act) and VAWs (Order on the storage, filling and transfer of hazardous media) generally demand that the gap between tank and retention tank must be monitored by a leakage alarm system with certificate of approval.

Design and function of the leakage alarm:

It consists of the level sensor installed inside the ring gap and the locally remote installed alarm unit with integrated measuring transducers.

The ringfloat of the level sensor is placed beneath the pre-set switch point at the bottom of the retention tank. In case of leakage the raising liquid level immediately lifts the ringfloat and the reed contacts inside the guiding tube will open. The transducer supplies a binary signal at the exit. This is transmitted to the alarm unit which triggers an acoustic and optic alarm (horn with reset and flashing pilot light).

Since the alarm works on the closed circuit principle, it reacts to disconnection and/or supply voltage breakdown.



The transducer is suitable for installation into a central control system. As a complete alarm system, the optical acoustic alarm transmitter is available for the signal processing of one (OAA1) or two (OAA2) level sensors. So the optional signal processing of the overflow safety alarm and the leakage alarm can be done..

Features and advantages of the leakage alarm:

All components of the leakage alarm being in contact with the chemical liquids are made of chemical resistant materials as PE, PP and PVC.

Periodical tests by the operator:

The safe performance of the leakage alarm has to be tested periodically, however, at least once a year.

Technical data:

Level sensor:	
Connection:	by cable
Protection type:	IP 67
Transducer:	
Nominal op. voltage:	230 V
alternatively:	24 V DC
Exit contact:	2 x changeover contacts

Vorteile:

- hohe Beständigkeit gegen Chemikalien
- sichere Funktion
- wirtschaftlicher Betrieb
- einfache Montage und Wartung

Subject to technical alterations

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