



*Smart solutions for  
parking and refuelling*



## **Safety all around the tank for the protection of the environment.**

Our solution for overfill and leak protection.

# The perfect safety lock for level control

Level switch probe with level controller as overflow protection or special filling protection (CH), permanent self-checking (fail-safe), Ex-intrinsically safe probe circuit up to Zone 0

## Application areas:

- Monitoring liquid limit levels
- Level/process and pump control
- Overflow protection, special filling protection
- Leak indicator, leak monitor in the tankage, catch trays, piping or manhole pits

The highest degree of safety - both during storage as well as when transferring environmentally hazardous liquids. Safe, precise measurement and monitoring of liquid limit levels and liquid analogue remote test up to the sensor tip.

## Level controller NK411 or 412

Compact design for snap-on rail assembly, Ex-barriers for intrinsically safe Hecofill probe, compatible with all IR-Hecofill probes and NK31 predecessors, 2 relays for limit-value monitoring (with change-over contacts), supply voltage AC/DC 22 ... 253 V, test and reset button, adapter in 19"-rack as retrofit-kit for NIS, optional panel housing IP54

**NK412** Standard version  
**NK411** with integrated fill protection for the connection to an AFS plug on the tanker

## Hecofill limit-value probe as overflow protection or as special filling protection

Installation in the tank for monitoring liquid limit levels

**Properties:**  
Optoelectronic measuring principle, no moving parts, continuous self-checking, not dependent on capacity, specific weight, moisture, conductivity and temperature, no switching point deviations, stainless steel, aluminium or PVC (seal: Viton/Chemraz), customised version up to 6 m length possible, as floating roof probe with dual detection (filling level and mechanical limit switch)



## Hecofill limit-value probe as leak indicator system

A leak in a tank, a line or a shaft? With our infrared leak probe, the damage can be detected lightning-fast and kept in-check.

For installation in tankages, catch trays, piping or manhole pits



ATEX approval, certified in accordance with WHG (D) and KVU (CH):  
**Overflow protection, special filling, protection and leak indicator system**



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