

Warning and monitoring system NeutraStop System OAC

Warning device NeutraStop System OAC

The monitoring of separating plants is comfortable and reliable. Two independent operating conditions within the separating plant are measured electronically and are reported before any malfunction occurs. The conductivity sensor responds when the oil layer has reached 80% of its maximum thickness. The level monitor records the level of liquid in the separating plant.

Use

In accordance with DIN standards EN 858 and DIN 1999-100, alarm systems have to be installed in all situations where local conditions make it impossible to install the separating plant with the required camber.

Technical information

- Ignition protection type/Explosion group:
[Ex ia] IIc
- EC examination certificate:
TÜV 05 ATEX 2806
- Housing protection type: IP 54
- Power supply:
230/115 VAC ± 10%; 50 Hz
- Data interface: SELV,
max. 60 V DC
- AC relay outputs:
≤ 250 V, ≤ 4 A, cosφ 0.7
- Reminder function for own monitoring/
maintenance work and inspections

NeutraStop wall feed-through system (cable feed-through)

Petrol-resistant and gas-tight system for feed-throughs in walls of reinforced concrete tanks, with sealing for empty DN 100 plastic conduit, incl. compression seals for sensor connection cable and equipotential bonding.

The advantages at a glance

- + Standard device suitable for monitoring two separators
- + Requires only a two-core connection cable between the device and the separator
- + Easy sensor connection through cable connectors
- + Optional: Serial interface for data transfer/remote monitoring
- + Suitable for Zone 0 according to the ATEX guideline
- + Integrated error memory for 30 data records with time and date
- + Compatible with all separating plants, including third-party plants

Options and enhancements

- Extension package for monitoring a 2nd separator system
- Emergency power supply with a potential-free battery 12 V or 24 V OAXA expansion board
- Emergency power supply with NeutraStop OAC warning and monitoring device including oil on water sensor and level monitor, OAXA expansion board, rechargeable battery and switch cabinet, pre-assembled
- PC interface with USB converter and software for evaluation and storage of the last 30 message records in the display unit, including the NeutraStop OAC warning and monitoring system
- Float unit with OAWA sensor for fluctuating liquid levels
- External flashing light with integrated siren
- WHG warning system with national technical approval

