

## OIL-SLUDGE LEVEL ALARM

For maximum oil and sludge storage capacity

### PRODUCT DESCRIPTION

**ESEP "oil-sludge level alarm", type OILSET-2000/DM3/S**, is specially designed for oil, petrol and sludge separators. The system signals when 80% of the maximum oil storage capacity is reached and indicates when the sludge layer becomes too high with a built in sludge level alarm SET/S. However before 100% is reached, the separator should be emptied.

The SET-112/DM3/S consists of three parts:

A control unit (the electronic unit SET-112), the submersible sensor (electrode) with connector cable and the sludge alarm sensor with connector cable which is submerged in the liquid. The electronic unit is equipped with LED's which indicate an 80% storage, reached sludge level, cable and electronic defects or short circuits.

### APPLICATIONS

Oil-grease level alarm instruments are specially designed for oil, petrol and grease separators. The oil, petrol and/or grease layer thickness is signalled by the LED's equipped to the electronic unit.

### DRAWING



### QUALITY

- Accurate measurement and discrete alarm by means of LED's and a buzzer
- Prevents internal faults by signalling cable or electronic defects or short circuits.
- Provided with reset and testing functionalities
- IP-classification 65 (placeable indoors)
- Ex-classification:
  - Control unit: II(1)G [Ex ia] IIC  
VTT 04 ATEX 031X
  - Sensor sludge: II1G Ex ia IIA T5 Ga  
VTT 02 ATEX 012X
  - Sensor oil: II1G Ex ia IIB T5 Ga  
VTT 09 ATEX 025X

### SPECIFICATIONS

The system signals when 80% of the maximum oil-grease storage capacity is reached. Before 100% is reached, the separator should be emptied.