

HYDROCARBON LEVEL ALARM

1 INPUT

1 Use

This alarm system detects the level of hydrocarbons in the separator compartment before sealing.

The alarm is suitable for new sites where the power supply is easily accessible, making installation efficient and cost-effective.

2 Operation

The unit continuously checks for the presence of hydrocarbons by measuring conductivity. When the probe is in the water, the LED lights up green. When a high hydrocarbon level is detected, the alarm sounds and the flashing beacon lights up (optional). To mute the alarm and switch off the rotating beacon, press the button. The LED will remain red until the next water detection.

3 Technical specifications

- Ambient temperature: -20°C to 50°C
- 1 sensor input
- Supply voltages: 230 VAC +/-10%
- Box protection: IP65
- Intrinsic safety: (EX ia) IIC (-20°C ≤ Ta ≤ +50°C)
- ATEX certification: Baseefa08ATEX0110X
- Probe cable length: 5 m
- Power: no alarm: 2.5 W , with alarm: 4.8 W
- Fuse: FS1: T 250mA H 250V and FS2: fuse 0242.050UAT1 , 50mA 250V
- Relay output: 11.2V DC, 100mA maximum.

4 Installation

See installation instructions

- P083 for steel hydrocarbon separators,
- P084 for PE hydrocarbon separators.

An installation and operating manual is supplied with the alarm and the MO40 connection instructions.

Maximum probe cable length is 200 m (not supplied).

All connections must be carried out by a professional, and assistance is available as an option.

5 Maintenance

The probe may be exposed to harsh environments, so regular inspection and cleaning is recommended.

The control unit contains no user-serviceable parts. For repairs, please contact us.

Reference	Designation
ANH22/14310-N	Visual and sound hydro alarm IP65 + level probe

Options :

- CR-ANH : ATEX cable extension
- MR-ANH: ATEX connection sleeve
- GYRO/ANH6V: red LED verrine

SIMOP alarm box :



SIMOP level sensor :



6 Advice and standards

The hydrocarbon level alarm meets the requirements of standard EN858, which stipulates that it must be used in conjunction with a hydrocarbon separator.

7 Guarantee

The equipment is guaranteed for 1 year.