

Device Components





System OK/SMS LED flashes. Do not press any buttons during the start phase!





Configuration and Operating Instructions

Programming the SIM Card

- Switch off the supply voltage before inserting or removing the SIM card.
- The warning device will not function and cannot be tested without a SIM card.
- When using your own cellular phone to configure the SIM card on the warning device, remember to store the information on the SIM card and not on the memory of the cellular phone.
- If you do not wish to configure the SIM card using a cellular phone, you have the option of using a USB SIM card reader for a PC.
- Always use uppercase letters, e. g., PERSON.
- Enter the corresponding country code in front of all telephone numbers (+44 for United Kingdom, +49 for Germany, etc.). Do not enter a space, 0 or 00 in front of the country code.
- Do not include any spaces or special characters in telephone numbers.
- Enter (a minimum of) PERSON1 with corresponding telephone number in the telephone book on the warning device SIM card or PERSON1 and PERSON2 or

PERSON1, PERSON2 and PERSON3

Never program PERSON2 without any details.

Changing the Battery for LAL-A8-GSM-Ex (Battery Version)

 Press the State/Send button for approx. 3 seconds after removing the old but before inserting the new battery.

Test Mode

- If an LAL9-D-Ex sludge level sensor is connected, TestMode appears when the first SMS message is sent to the warning device. In test mode, the sludge level sensor responds immediately when an alarm status is active.
- Test mode remains active for about 10 minutes, after which the warning device switches back to normal mode automatically. Test mode can be activated for checking purposes, for example, by sending the SMS command SETTEST ON. Send the SMS command SETTEST OFF to deactivate test mode.

LED Indicator

The LEDs do not light up. (System OK / SMS) off (Sensor off Alarm off The warning devices LAL-A8-GSM-Ex3 (battery version) and LAL-D2-GSM-Ex3 (DC version) Press the State/Send button for approx. 4 seconds. The current approx. 4 seconds. The current are operating in sleep mode (energy-saving). status is displayed. No active System OK / SMS) lights up Alarm or error System OK / SMS off alarms or indication for errors sensors (Sensor off 🌞 Sensor flashes 1 ... 3 times 🐥 Alarm flashes 1 ... 3 times off Sensor LED 1 x Sensor 1 SMS message (System OK / SMS) flashes once 2 x Sensor 2 sent 3 x Sensor 3 (Sensor off Alarm LED 1 x Sensor in alarm (Alarm off 2 x Sensor error 3 x Communication error between sensor and warning device The oil/petrol separator, sensor and associated installation must Previous (🖨 System OK / SMS flashes be checked and repaired or replaced if necessary. alarms or errors O Sensor off Fault System OK / SMS) off indication for off SIM card or warning device (Sensor An alarm or error occurred previously - identify the cause, correct lights up the error (🐥 Alarm flashes 1 ... 5 times 1 x Internal communication error - repairs required 2 x Network error - check transmission quality SIM card missing or inactive - insert SIM card or load up 3 x calling credit (Prepaid SIM card) SIM card locked – check PIN code 4 x 5 x Telephone number for OWN or PERSON1 is missing or incorrect Identify the cause, correct the error Battery or SMS Briefly press the Reset button once. System OK/SMS LED lights up. (System OK / SMS off

Communication via SMS



Status of the Warning Device SEND DSTATUS

OI Separator West SC- 81 dBm BL: 9:14 V Day: THU Time: 07:09 TestMode	
SQ	Signal strength 2 10 (best value 10) or Signal strength -50 dBM100 dBM (best value -50 dBM)
BL	Battery voltage (only on warning device LAL-A8-GSM-Ex3 (battery version))
Day	Displays the day when the SMS message was sent
Time	Displays the time when the SMS message was sent
TestMode	only when sludge level sensor LAL9-D-Ex is connected

Current Configuration

SEND SETUP	
OII Separator West OWN: +4940496097 PERSON: -4930941335 PERSON2: +49178155054 MDELA: 0 STATUS: WED. 12:00	
OWN	Telephone number of the warning device
PERSON1	Telephone number of PERSON1
PERSON2	Telephone number of PERSON2
PERSON3	Telephone number of PERSON3
MDELAY	Measured delay in sleep mode (energy-saving) (only with warning devices LAL-A8-GSM-Ex3 (battery version) and LAL-D2-GSM-Ex3 (DC version)); 0, 5, 10 Minutes
STATUS	Time of the continuous status message, day of the week and time specified





Sensor

(🖊 Alarm

1 x

warning

Briefly press the Reset button once. The SMS counter is reset.

off

Battery voltage for warning device LAL-A8-GSM-Ex3

flashes once or twice

Setting the Time

SET TIME

Oil Sep	rator We	st
OWN: +4	94049609	7
PERSON	1:+49309	41335
PERSON	2: +49178	155054
MDELAY	0	
STATUS	WED. 12	:00 J
\sim		

Adjust the time on the warning device (e. g., when changing to daylight saving time)

SMS Counter Overflow



More than 5 SMS messages/hour. The warning device stops sending SMS messages. Reset the SMS counter with:

RESET SMS COUNTER
