

## VA-SIGNAL

### *Level alarm for sewage tanks*

#### Level alarm for sewage tanks.

- Design for battery or mains operation
- Built-in relay for additional alarm
- With AC technology

VA-SIGNAL is a full tank alarm for closed sewage tanks but can also be used in other applications, e.g. high level alarm in wells, pumping stations or similar.

The device is based on AC technology, which minimizes the risk of corrosion on the sensor electrodes.

The alarm has a very safe operation because it completely lacks moving parts.

The alarm is working conductively intended for waste water or other electrically conductive liquids. Alarm is activated when both electrodes of the sensor are surrounded by the liquid.



The alarm panel is mounted in a suitable protected space. The sensor can either be fixed or hang from its cable. The bottom of the sensor must be at the distance where the alarm is desired.

Internal relay for external alarm output with a potential-free output for connection of alarm lamp, external alarm, etc.

VA-SIGNAL is extremely power efficient and has an expected operating time of over three years in battery operation. When the batteries are running low, an alarm signal is emitted.



Technology for Environmental Protection  
Measuring. Controlling. Monitoring.

# VA-SIGNAL

## *Level alarm for sewage tanks*

### Technical specifications:

#### Alarm panel

**Power supply:** 3 x AA batteries of alkaline type alt. mains adapter/transformer 8-12 VAC or 8-12 VDC

**Operating temperature:** -40 - +70 °C

**Protection class:** IP42

**Dimensions:** 112 x 62 x 32 mm (HxWxD).

**Weight:** approx. 100 g, approx. 165 g (incl. batteries)

**Relay contact:** Alternating potential-free  
Um : 50 VAC, 75 VDC  
Im : 2 A

#### Sensor

**Sensor length:** 150 mm.

**Cable length:** 2 m alt 10 m.

**Electrode material:** Acid resistant stainless steel.

**Measuring principle:** Conductive.

### Versions

#### **VA-SIGNAL B2**

Alarm panel and VA sensor, cable length 2 m including battery.  
Item number: 1340

#### **VA-SIGNAL B10**

Alarm panel and VA sensor, cable length 10 m including battery.  
Item number: 1370

#### **VA-SIGNAL N2**

Alarm panel and VA sensor, cable length 2 m, including transformer.  
Item number: 1360

#### **VA-SIGNAL N10**

Alarm panel and VA sensor, cable length 10 m, including transformer.  
Item number: 1390