

VA-SIGNAL W

Full tank alarm for sewage tanks

- Low installation cost
- Easy installation
- Built-in relay for extra alarm



VA-SIGNAL W is a full tank alarm for closed sewage tanks.

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

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

The alarm that works conductively is intended for waste water or other electrically conductive liquids. An alarm is given when both electrodes of the sensor are surrounded by the liquid.

Communication between alarm unit and sensor takes place wirelessly via LoRa on the 433 Mhz band. The transmitter unit is powered by 1 pc ER14505M Lithium battery (3.6V) with an expected life time of more than one year. When the battery starts to get weak, a signal is emitted on the receiver unit.

Built-in relay for external alarm output with a closing voltage-free output for connection of alarm lamp, external alarm etc.



Technology for Environmental Protection
Measuring. Controlling. Monitoring.

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Technical data:

Alarm panel

Power supply:	12 V mains adapter or 12 VDC-transformer.
Relay contact:	Closing voltage-free Um 125 VAC, Im 1 A Um 30 VDC, Im 2 A
Radio frequency:	433 Mhz (LoRa)
Protection class:	IP 42
Dimensions:	62 x 112 x 32 mm (WxHxD)
Weight:	85 g



Transmitter unit

Power supply:	1 pc ER14505M Lithium battery 3,6V
Measurement frequency:	1 time/h
Radio frequency:	433 Mhz (LoRa)
Dimensions:	ø 50 x 210 mm (diam x L)
Weight:	130 g
Protection class:	IP 65



Sensor

Measuring principle:	Conductive
Cable:	2 x 0,5 mm ² (2m)
Measure:	ø 30 x 150 mm (diam x L)
Weight:	380 g
Protection class:	IP68



Versions

VA-SIGNAL W

Alarm panel and VA sensor, cable length 2 m including battery.
Item number: 1385