

salt:detector

Monitor your salt level



salt:detector

Monitor your salt level

Salt:detector is a device to be combined with any water softener on the market. This control device gives the real detection of salt and water inside the brine tank. With a triple signal, visual, sound and via App, salt:detector allows the real monitoring of the salt level.

COMPATIBLE

Salt:detector is a control device you can combine with any new or already installed water softener. This device is capable of performing all the required operating performance for the configuration, detection and signalling of lack of salt inside a brine tank. Device to be installed on top of the brine tank, on a flat surface area, with a maximum 5% slope.

VISUAL & ACOUSTIC

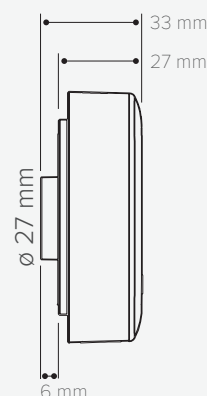
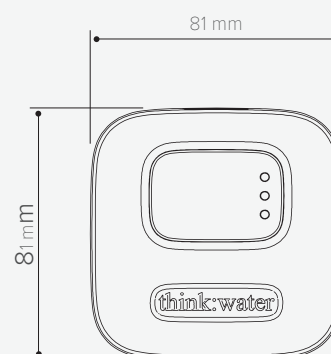
Salt:detector is equipped with visual and acoustic signals and an internal switching relay to manage alarms externally. There is also a protective lens for the optical sensor in order to ensure maximum efficiency, specifically designed for this type of application.

CONNECTED

Thanks to the app available for iOS and Android, the configuration of the device requires a few steps and the real-time control of the system allows you to detect the salt level.



Salt: detector controls in real time and from smartphone the operating status of the softener. With a triple signal, visual, sound and via App. Salt: detector allows immediate monitoring of the operating status of the softener or of the various softeners installed.





FUNCTIONING



The red led lights up when the sensor detects a lack of salt or other anomalies such as flooding or the incorrect operation of the water softener. You will also hear a sound alarm and receive a notification on your app.



The orange led lights up when it is necessary to refill the brine tank of your softener. The sensor detects a salt reserve close to exhaustion.



When the sensor detects no anomaly and your softeners is working correctly, **the white led lights up.**

salt:detector

TECHNICAL SPECIFICATIONS

USB POWER SUPPLY (*)

Model	A806A-050100U-EU1
Input	100 - 230 Vac – 50/60hz – 0.2A
Output	5 Vdc – 0,1A
Power cable length USB - micro USB	1,5 m

DEVICE

Item Code	4820000001 / Y60700B-B4Y
Input	5-12V dc – 300 mAh
Energy consumption	3 W

GUARANTEED POWER SUPPLY INSULATION (**)

5-12V dc: to be guaranteed externally with safety power supply (SELV)

DETECTION SYSTEM

Laser diode
(Class 1 laser device complying with the latest IEC 60825-1: 2014 - 3rd edition)

WI-FI CONNECTIVITY

Protocols	802.11 b/g/n (802.11n up to 150 Mbps)
Frequency range	2.4 GHz ~ 2.5 GHz

BLUETOOTH CONNECTIVITY

Protocols	Bluetooth v4.2 BR/EDR and BLE specification
Radio	NZIF receiver with –97 dBm sensitivity

SUPPORTED OPERATING SYSTEMS

iOS 11.0 or later
Android 5.0 Lollipop or later

FIELD OF WORK

Ideal condition	indoor brine tank without exposure to sunlight
Minimum brine tank height	30 cm
Maximum brine tank height	100 cm

MEASUREMENT ERROR

±5%

IP DEGREE PROTECTION

IPX0

AMBIENT RELATIVE HUMIDITY

30 - 70%, without condensation

RELAY ISOLATION

No

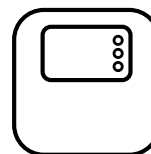
DATA OUTPUTS

Alarm buzzer
SPST dry contact relay:
maximum applicable voltage 30 Vdc - 30 Vac resistive current 0.5 A
Led visual signals

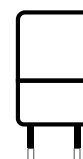
CONNECTIONS

JST connector p = 2mm for remote probe connection (optional)
2-pole wired to board terminal with 0.3 mm2 min and 0.5 mm2 max section

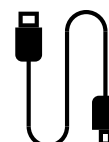
PACKAGE CONTENTS



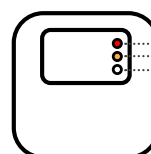
salt:detector



usb power supply



USB-Micro USB cable



RED LED
ORANGE LED
WHITE LED

TERMS OF USE

Operating temperature	5 / 35 °C
Storage temperature	- 20 / 70°C
Installation type	indoor