



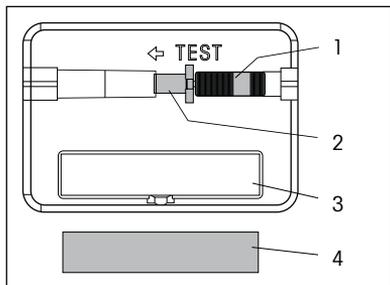
Wireless sensor  
Wireless water probe  
FWS81

Wireless water probe with swelling discs and energy generator 88x50x30mm, white. No standby loss.

Swelling discs expand strongly in water until the energy generator is triggered and a wireless telegram is sent. The first 5 swelling processes last less than 6 minutes. With further swelling processes up to 10, this time may last for up to 1 hour. After that the swelling discs must be replaced.

Place the water sensors and the swelling discs as close to the water leak as possible. Fix them to a smooth surface with the enclosed cellular rubber strips.

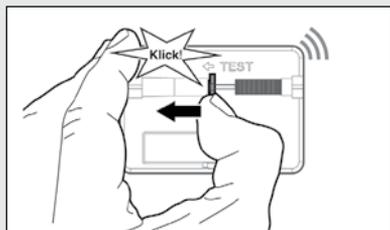
**Underside of the FWS81**



1. Swelling disc
2. Piston slide valve
3. Adhesive strip for cellular rubber strip
4. Cellular rubber strip

**Teaching-in**

Press the piston slide valve once to teach in the device in an FSR14 or FMZ61 actuator which is switched ready to learn.



**Functional test**

- The FWS81 has already been taught-in into the actuator.
- The FWS81 is located at the intended location.
- Press the piston valve on the FWS81 once and release it, the FWS81 sends two signals to the actuator: one signal when pressing the piston valve, one signal when releasing.
- Check whether the actuator has received the signals.

**Technical data**

operate delay	< 6 minutes (for the first 5 swelling processes)
	up to 1 hour (for 6 to 10 swelling processes)
maximum use	10 swelling processes

**Telegrams:**

ORG = 0x05  
Data\_byte3 = 0x11, status 0x30 = water  
= 0x11, status 0x20 = no water



**EnOcean wireless**

Frequency	868.3MHz
Transmit power	max. 10mW

Hereby, Eltako GmbH declares that the radio equipment type FWS81 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: [eltako.com](http://eltako.com)

**Must be kept for later use!**

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