

# Operating Manual for GEWAS 183A



## Specification:

<b>Power supply:</b>	220/240V 50/60Hz (controlling device)
<b>Power consumption:</b>	approx. 3 Watt
<b>Control output:</b>	via power socket in the adapter plug with grounding contact
<b>Switching voltage:</b>	equivalent to supply voltage
<b>Switching current:</b>	max. 16A (ohm resistive load)
<b>Dimension:</b>	controlling device: 110 x 65 x 45 mm (L x W x H)
<b>EMC:</b>	The device are corresponding to the essential protection ratings established in the Regulations of the Council for the Approximation of Legislation for the member countries regarding electromagnetic compatibility (89/336 EWG).

## Installation and commissioning:

- Make it a rule to read the operating and maintenance advises before starting up the device
- Use bail to hang the device on desired place, align the device. Remove the protective film from the adhesive tape at the device's back and press on the device for locating the device.
- Place the Watersensor and fixate it when needed.  
Please take care that the sensor electrodes do not touch any metallic surfaces, this may cause errors.
- Plug the controlling device's adapter plug into a socket outlet with earthing contact.
- Connect washing machine resp. dish-washer to the grounding contact socket outlet of the controlling device.
- Turn on the controlling device via power switch. => A red LED indicates the device is operating.
- Check the alarm function via bypassing the water sensor electrodes (e.g. via touching both electrodes).  
=> The device will now start its alarm, the connected device will turn off. Turn off and on the controlling device.

**! Well done, your GEWAS device is now ready for use !**

## Function

When a water film at the water sensor exceeds 0.5 mm, the controlling device will automatically initiate an audible alarm, will be turn off the device connected to the power sockets of the device.

To remove the alarm the controlling device has to be turned off.

When the water sensor is disconnected form the device, the alarm will also be initiated.

## What to do in case of alarm

- Turn off controlling device and possibly connected device.
- Seek and eliminate error causes.
- Possible error causes:
  - waterfilm is located at the water sensor.
  - The contacts of the water sensor are bypassed (e.g. via a metal surface)
  - he water sensor has been disconnected or is defective.
- Turn on the controlling device.
- Turn on the connected device (if necessary).

## Operating and maintenance advises

1. **Please Note: When the controlling device is turned off, the power socket could be electrically live, and for that, a connected device is turned on!**  
Attention: Before turning off the controlling device, for turning off the alarm, the device connected to the GEWAS 181A (eg. washing machine, dish washer, etc.) should be turned off, because it will be turned on when you deactivate the controlling device.
2. The device has to be treated and handled carefully in accordance with the above specification (do not throw, do not bump into sth., etc ).
3. **!!! Do NOT use the GEWAS in a humid environment !!!**



## Safety requirements:

This device has been designed and tested in accordance with the safety regulations for electronic devices. However, its trouble-free operation and reliability can not be guaranteed unless the standard safety measures and special safety advises given in this manual will be adhered to when using the device.

1. Trouble-free operation and reliability of the device can only be guaranteed if the device is not subjected to any other climatic conditions than those stated under „specification“.
2. Make sure to observe the standard regulations and safety instructions for electric, heavy and weak current plants, in particular the national safety regulations (e.g. VDE0100).
3. When there is a risk whatsoever involved in running it, the device has to be switched off immediately and to be marked accordingly to avoid re-starting it.  
Operator safety may be a risk when the device:
  - has visible damages
  - is not working as specified
  - has been stored under unsuitable conditions for a longer time.
 In case of doubt, please return the device to manufacturer for repair or maintenance.
4. **Warning:** Do not use this product as safety or emergency stop devices, or in any other application were failure of the product could result in personal injury or material damage.  
Failure to comply with these instructions could result in death or serious injury and material damage