

# Quick reference

## 30.3306.02 Rain gauge



### WeatherHub Sensor

This sensor is a component of the „WeatherHub“ system for measuring rainfall, it can be used with this system only. To use the sensor you need an installed WeatherHub gateway.

### Delivery contents

Rain gauge (30.3306.02), manual

### Before you use it:

Please be sure to read this short-instruction manual carefully.

Following the instruction manual for use will prevent damage to the device and loss of your statutory rights arising from defects due to incorrect use.

We shall not be liable for any damage occurring as a result of not following these instructions. Likewise, we take no responsibility for any incorrect readings and for any consequences which may result from them.

Please take particular note of the safety advice!

Please look after this manual for future reference.

### For your safety:

- The product is exclusively intended for the field of application described above. The product should only be used as described within these instructions.
- Unauthorised repairs, modifications or changes to the product are prohibited.



### Caution!

#### Risk of injury:

- Keep this instrument and the batteries out of reach of children.
- Batteries must not be thrown into the fire, short-circuited, taken apart or recharged. Risk of explosion!
- Batteries contain harmful acids. Low batteries should be changed as soon as possible to prevent damage caused by a leaking battery. Never use a combination of old and new batteries together or batteries of different types.
- Remove the batteries if you do not use the product for a lengthy period.
- Wear chemical-resistant protective gloves and glasses when handling leaked batteries.

### Important information on product safety!

- Do not place your device near extreme temperatures, vibrations or shocks. Caution: Do not drop the device and avoid collisions.
- Clean the instrument with a soft damp cloth. Do not use solvents or scouring agents. For a good function keep the rain gauge always clean. Do not submerge the unit in water.
- Make sure that the funnel and the inside see-saw are free from dirt, debris, leaves or spider webs

### Sensor set up

Open the battery compartment (screwed) on the bottom of the rain sensor and insert 2 x 1,5V AA batteries with the correct polarity. Then remove the cover of the sensor by rotating the housing clockwise. Resolve the see-saw inside the sensor.

### Add sensor in the WeatherHub app

Open the app, the dashboard is displayed. Tap „Add“ new sensor and scan the sensor's QR code. A copy of the sensor code is attached. Then set a name for the sensor. Now you can read the measured values on your mobile phone.

### Positioning

Place the rain-gauge on open ground and mount it horizontally, ideally 1m above the ground. Make sure that rainfall can reach the rain gauge from all sides easily. The rain sensor is self-emptying.



### Additional functions in the WeatherHub app

- Graphic views of the readings
- Overview function

### Note:

The rain gauge is prone to blockades due to its shape. Check and clean the rain gauge periodically for optimum performance of the rainfall measurement.

### Specifications

|                          |  |
|--------------------------|--|
| Measuring range:         | 0 ... 300 mm/h                                     |
| Resolution:              | 0.25 mm  |
| Transmission to gateway: | immediately when it rains, status every 2 hours    |
| Frequency:               | 868 Mhz  |
| Max. transmitting power: | < 25mW   |
| Transmission range:      | 100m (open area)                                   |
| Batteries:               | 2 x 1,5V AA (not included) Use alkaline batteries. |



### Waste disposal

This product has been manufactured using high-grade materials and components which can be recycled and reused.



Never throw flat batteries and rechargeable batteries in household waste. As a consumer, you are legally required to take them to your retail store or to appropriate collection sites according to national or local regulations in order to protect the environment. The symbols for the heavy metals contained are: Cd=cadmium, Hg=mercury, Pb=lead



This instrument is labelled in accordance with the EU Waste Electrical and Electronic Equipment Directive (WEEE). Please do not dispose of this product with other household waste. The user is obligated to take end-of-life devices to a designated collection point for the disposal of electrical and electronic equipment, in order to ensure environmentally-compatible disposal.

More information and detailed instructions can be found in the weatherhub app at "Info".

No part of this manual may be reproduced without written consent of TFA Dostmann.

The technical data are correct at the time of going to print and may change without prior notice.

### EU Declaration of conformity

Hereby, TFA Dostmann declares that the radio equipment type 30.3306.02 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

[www.tfa-dostmann.de/service/downloads/ce](http://www.tfa-dostmann.de/service/downloads/ce)

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