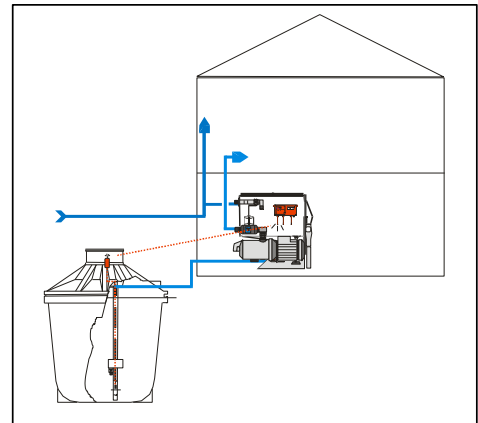


UWO-Rewamat Radio (NSB 4.7) Radio monitoring and control system for rainwater utilization systems

- • Easy operation via coded radio transmission in the 433 MHz
- FM modulation
- More than 200 m outdoors
- Several systems can be operated in the same area at the same time
- Long life and economical operation with only two standard AA batteries
- Water protected case IP65 DIN EN 60529
- Easy construction
- No calibration necessary
- completely maintenance-free
- Integrated backwater protection (optional)
- Low tension
- also for retrofitting existing systems



Technical manual

The UWO Rewamatik TX is a radio remote control

for rainwater harvesting systems, in particular for the control of the make-up. By The radio transmission is a complex installation of a test lead is not required. Accurate and trouble-free digital radio transmission in the FM area to the control unit. The UWO Rewamatik F meets the highest requirements. The system is addressable and allows simultaneous use of multiple identical systems. protection class IP65 allows installation in the cistern too. The measured value takes place directly in the Cistern and is transmitted digitally via radio to the control unit. At delivery will be adapted the controller.

Device Description:

The UWO-Rewamatik TX is a rainwater harvesting radio control system specially designed for rainwater harvesting. The radio transmission eliminates the time-consuming laying of a measuring line to the cistern. State-of-the-art microprocessor technology enables precise digital and interference-free radio transmission in FM operation for control. The UWO-Rewamatik TX meets even the highest demands. The system can be addressed and thus allows simultaneous operation of several identical systems in the same transmission room. The splash-proof wall housing, protection class IP65 allows mounting even in the cistern. The measured value is recorded directly in the rainwater tank and is transmitted digitally via radio to the control.

Not the area but the number and condition of partitions and buildings are crucial for trouble-free transmission.

Function mode data communication:

The data communication takes place every 2 minutes. The transmission indicator (red LED) on the receiver flashes briefly.

Error message after 6 minutes = 3 lost programs consecutively without signal. In the event of a fault, the red LED flashes and a short audio signal sounds. The error message clears automatically when the reception is available again.

Area: The area in which open land without obstacles is approximately 200m. The area can be highly dependent on the environment.

High frequency fields or other power sources reduce the range. If the fuel filler cap is solid (for example cast iron or concrete, this will greatly affect the transmitting power of the transmitter, then the transmitter should be installed outside the cistern.

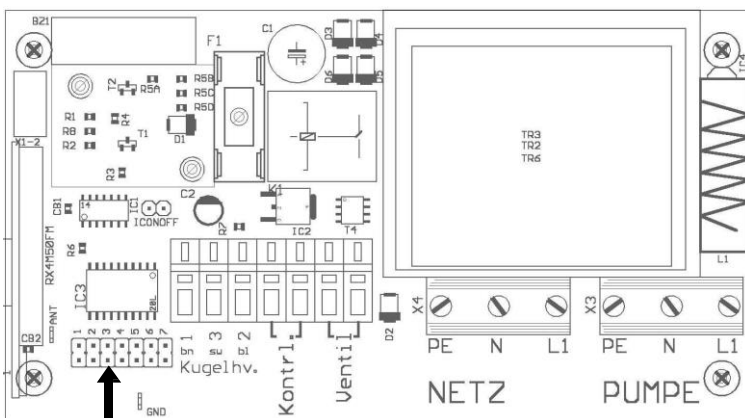
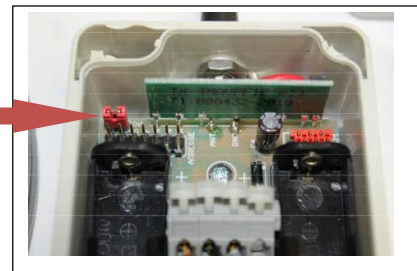
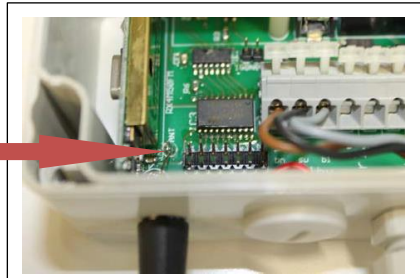
Changing the frequency (address)

In the transmitter and receiver 8 different frequencies are programmed. In each case, 7 slots for standard jumpers are available directly on the boards. Please note that the same address is used for a pin assignment.

Only standard jumpers are to be used

Slot for pin assignment in the sender unit

Slot for pin assignment in the receiving unit



Coding in the receiver

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Regenwassernutzung

Versickerung

Beregnung

Trennsysteme



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