

## WATER

## LevelWatch - Water level alarm

### Basic features

- Instrument for remote warning of water level change above and under monitored level
- Information transfer through GSM network by SMS message to mobile phone or by calling
- Communication through miniature GSM communicator with its own SIM card
- Water level is monitored by highly reliable compact capacity sensor
- Possibility to ask questions by SMS to ascertain configuration and condition of the instrument
- Power source 12V DC
- Communication parameters are programmable by user:
  - Through SMS: Message text when level drops below sensor
  - Message text when level rises above sensor
  - Possibility to send message up to 6 mobile numbers
  - Delayed message, block time for repeated message
- Typical use: private wells, water tanks, rain tanks



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### **Technical specification**

Voltage:	12V DC, according to respective polarity
El.consumption:	At rest approx. 20 mA, activated approx.150 mA (according to power source), transmission max. 1 A (Remark: It is necessary that power source and cable's cross section are designed for the peak current 1A)
Communicator input:	Galvanically devided by optočlenem, activation voltage 10 - 24V DC, reaction to situation change
GSM band:	850 / 900 / 1800 / 1900 MHz, max. 2 W
SIM card:	Standard, size15 x 25 mm, any operator
Tel. numbers:	Up to 6 numbers
Saved tel. numbers format:	Possible to save without country/area code, length: 9 - 16 digits
Terminal block:	Screwable, removable, 4 pins, spacing 3,8 mm, cable (wire) cross section 0,35 to 1,5 mm <sup>2</sup>
Aerial connector:	SMA (female), 50 Ohm, for 4 band GSM aerial connection
Operating temperature:	- 20 °C to + 50 °C
Protection:	Communicator: IP50 / with box IP66
Communicator dimensions:	66 x 60 x 20 mm (without aerial)
Fitting:	Screwed inside the box cover