

Management on installation system for water meters

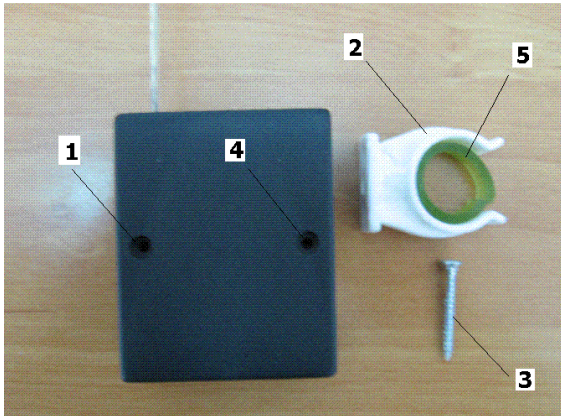
Radiomodules

(1) Open the case of radiomodule D100FC and establish the battery strictly observing polarity (1) "+" aside aeriels (polarity also is specified on the printed-circuit-board). Thus the red light-emitting diode should start blinking and go out often. If it has not occurred, it is necessary to remove the battery and to repeat operation of installation of the battery through 30 - 40 seconds.

(2) Check up conformity of number specified on the printed-circuit-board to number on a cover of the case. They should be identical!

(3), (4) Check up correctness gauge installation marked by a yellow ring in a socket of pcba X10, and the gauge marked by a red ring in a socket of pcba X8 in conformity with figure

** Use only lithium batteries 14505 (AA) or 17505 with a work voltage 3,6V



Assembly of the case

For reduction of installation works, the case of the radiomodule fastens directly on a pipe of hot (cold) water supply by means of a plastic clip (2)

For assembly of the case screw up small screw in an aperture (1), and a plastic clip (2) by means of long screw (3) fix in an aperture (4).

The sealant is required (5) you for installation of the module on a pipe in diameter 1/2 inch. If at you the pipe of 3/4 inch, a sealant is not required to you.

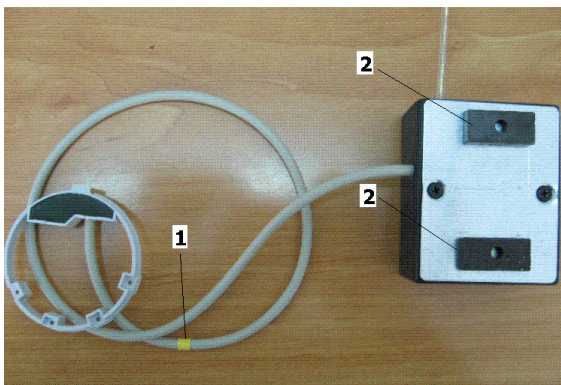
* Establish the module on a pipe so that the aerial has been directed vertically upwards and whenever possible settled down on some distance from metal subjects and walls.

Installation radiomodule on the general sites of hot and cold water meters

Radiomodules for the general sites meters are equipped only by one gauge of impulses as the general sites of meters can be on sufficient removal from each other. Track correctness of installation of radiomodules. The gauge marked by a yellow ring (1) should be established on the counter of cold water, and the gauge marked by a red ring should be established on the counter of hot water.

For convenience of installation the case of the module can be equipped by two magnets (2) and can be established either on a pipe, or on any other metal surface being near to the counter.

* Establish the module on a pipe so that the aerial has been directed vertically upwards and whenever possible settled down on some distance from metal subjects and walls



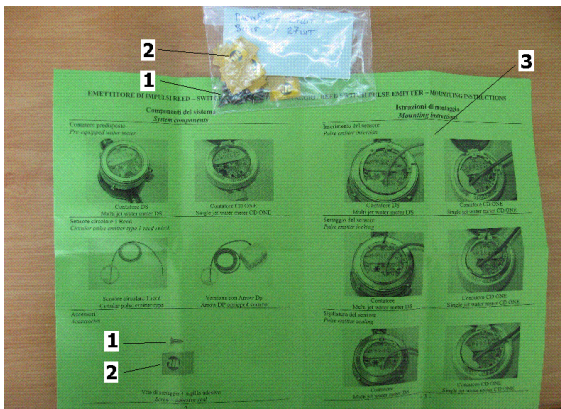
Installation of pulses gauges on counters

Pulse gauges are established on counters of water by means of the screw (1) and sealed up by means of a seal (2). In more details this procedure is described in the instruction (3).

Important!!! Counters should be used with the preestablished magnet on position P=10L/PULSE

*The gauge marked by a yellow ring should be established on the counter of cold water, and the gauge marked by a red ring should be established on the counter of hot water.

At installation of gauges, fix in the document «Object_XXX.xls» numbers of water-counters, initial indications of water-counters at the moment of installation of gauges and identification numbers of radiomodules in conformity with number of an apartment.



Installation of the concentrator (controller)

The plastic case of the controller (12) fastens on a wall in an apartment or at an entrance, it is desirable in the place protected from vandalism by means of screws (8). The power cord (7) should be connected to the AC 220V through the separate circuit breaker to the meter of common places (MCP) from which powered illumination at entrance.

Before installation of the controller at an entrance, it is necessary to see the instruction "read_me.txt" and "Work with J100_D100_en.doc"

If the configuration of access to the Internet on GPRS corresponds described in "read_me.txt", submit a feed on a power cord, be convinced, that the tip of a power unit is connected to a socket of the controller (2), be convinced, that SIM card is inserted in the holder (5), wait luminescences of a red light-emitting diode on a printed circuit of the controller: 25 seconds a luminescence, 25 seconds it is extinguished, insert the accumulator (10) in the holder (4) strictly observing polarity also close a cover of the case (12). In other circumstances follow the instruction "Work with J100_D100_en.doc".

