

QALCOSOSNIC

E4

METER
WITH GAME
CHANGING
PRICE IN HEAT
AND COOLING
MARKET



WE ADAPT TO THE
GROWING DEMANDS FROM
OUR CLIENTS AND PROVIDE
THE CHANCE TO GET THE
METER WITH THE LATEST
COMMUNICATION TOOLS.

LoRaWAN
CERTIFIED™

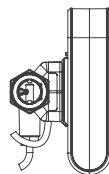
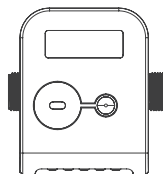
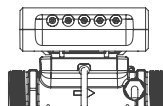
M-Bus
wireless

M-Bus

ASHRAE BACnet®

Modbus

NEW COMPOSITE BODY



The meter can communicate via all most popular communication protocols like M-Bus, WMbus, Modbus, Bacnet, LoRa with your gateways and data loggers with dual or even triple communication in same time. This allows you not only to enjoy meter communication with most advanced LoRa IoT means of communication, but in the same time to have in meter additional communication for older infrastructure, like M-Bus, WMbus or Modbus/Bacnet.

For the same price, you will receive the added value, as the meter quickly informs you about any glitch (leakages, broken pipes, etc.). The self-diagnostic function in the new meter provides information on the status of the meter simply and easily.

E4 VALUES



FUNCTIONALITY

- The meter induces all notifications extremely quickly, when the heating/cooling system is messy or unaltered.
- Multiple communication technologies integrated, which allows to optimize your investments and costs.
- The extensive archive of internal data allows to track the history of usage and failures within the meter.
- Due to the LCD screen (with additional status, malfunction, flow symbols) all users have a convenient information stream ensured.
- The meter is convenient to configure through the use of a special button, optical communication interface or mobile application right in the location of installation.
- The meter does not react to external magnetic fields. This feature not only reduces commercial losses, but also prevents human mistakes.
- The meter has R100 and R250 dynamic ranges, so both small and large heat carrier flows can be estimated 100% accurately.
- For the unlimited and frequent meter reading, a separate external power source with backup battery can be used. It can be necessary in case the external feeding has disappeared, but meter will continue working.



MATERIALS

- The composite body, installed in the meter, is a new generation device which works especially accurately.
- The battery of this meter works up to 16 years (the final lifetime depends on the selected way of data transmission).
- Due to the meter structure, based on the latest technology, it does not react to contaminated water. Therefore, no periodic calibration is required.
- The labeling of this meter is especially flexible and adaptable to the needs of any client.
- Your transport costs will be reduced with a composite body which has similar mechanical features as a brass body.



ASSEMBLING

Quicker and easier installation of the meter due to many convenient functions:

- Supply/return lines according to user needs configurable on installation site.
- The meter may be produced in IP65/IP67/IP68 environment protective class. Therefore, it can be used in different environment conditions.
- The part of the flow is detached from the electronic unit.
- Choice of either vertical or horizontal position.

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