

## Q heat 5.5

# Reliable in every situation.

Our compact heat meters for a wide range of applications.

With the tried-and-tested Q heat 5.5 compact heat meters from QUNDIS you can conveniently and reliably record the energy consumption of heating, cooling, solar and water heating systems. A **display loop** means that current consumption, the scheduled metering day and the metering value can be recorded at the push of a button.

Because of their **compact size** and simple operation all Q heat 5.5 models are suitable for recording the consumption of radiator and underfloor heating systems, and can also be applied for hot water separation. They are available as screw-type meters (qp 0.6 | qp 1.5 | qp 2.5 m<sup>3</sup>/h) or measuring capsule meters for connection interfaces IST (G2" – Ista), A1 (M77 x 1,5 – Allmess) and TE1 (M62 x 2 – Techem).

As a leading supplier of systems for consumption data recording we offer a comprehensive range of systems for

the purpose of making the integration of our heat meters into a remote read-out system as easy as possible for you.

We have also fitted a screw-type version with an integrated **M-Bus interface** and two additional impulse inputs. In this way up to 2 water meters with impulse output can be connected. This significantly reduces the installation work and the cost of integration into an M-Bus network.

For the data transmission to an **Q AMR or Q walk-by system** the heat meters can also be retrofitted with a communication module. Alternatively, radio-integrated meters are available in the QUNDIS portfolio.

In order to customise the compact Q heat 5.5 heat meter perfectly to your requirements, the calculating unit can be directly parameterised by software using an IR interface or the buttons on the device.



Q heat 5.5 screw-type meter with an internal M-Bus communication interface and Impuls-IN

## Key features

### Universal application

- › Dynamic measuring principle: hydraulic impeller wheel sensor with non-magnetic reading on the inductive principle
- › Available as heat meter and heat meter with cooling option
- › Suitable for pure service water circuits and for water and glycol mixtures
- › Removable calculating unit available\*
- › IR interface for the readout and parameterisation of the heat meter
- › 6 or 10-year lithium battery
- › MID approval received
- › High device protection level (IP65)

### Display

- › 8-digit LCD display
- › Display of current and cumulative values, check number and many service and operating parameters
- › Display loop for fast readout
- › Saving of maximum flow and return temperature and the current max. flow-through with date

### Measuring cycle

- › Fast measuring cycle of six seconds (with 6-year battery)
- › Ideal for special applications (e.g. water heating separation)

### System integration

- › Integration into a Q AMR or Q walk-by radio system
- › Device version available with two additional impulse inputs and integrated M-Bus interface

### Temperature sensor PT1000

- › Diameter: 5.0 mm / 5.2 mm
- › Cable lengths: 1.5 m / 3 m

### Starting flow

› 3 l/h

### Dynamic range

› 1:50

### Precision class

› 3

\* standard with screw-type meters with internal communication interfaces