QUNDIS™

Q heat split

For high volumes and temperatures.

Split heat meter Q heat split.

Our MID-compliant Q heat split heat meters record the consumption of heating energy. They are installed wherever compact heat meters reach the limit of their capacity. This applies in particular where the temperature of the medium is extreme or in the case of high volume flows (e. g. building connections or heat transfer stations).

Q heat split consists of an electronic calculator unit, volume metering unit and temperature sensors. Depending on the installation situation, the Woltman sensor or the ultrasonic volume metering unit can be connected to the calculator unit. For this purpose we offer sizes ranging from Qp 0.6 – 250 m³/h. Connection to the pipe system is implemented via a thread or flange connection.

At present **models** are available for heat metering and for the energy metering of glycol mixtures** in solar installations or cooling systems.

As a **leading supplier** of solutions for consumption data metering, we offer a comprehensive range of systems aimed at facilitating the integration of heat meters into remote readout systems.

For integration into a cable-based M-Bus system we can, for example, offer you Q heat split with an integrated M-Bus module. Alternatively Q heat splitt can also be fitted with a communication module for **data transmission** in an Q AMR or Q walk-by data recording system.

In order to align the split heat meter Q heat splitt perfectly with your requirements, the calculator unit can be ordered with a wide range of factory installed parameterisation options.

Q heat split is available with an ultrasonic or Woltman volume measuring unit

Advantages

Universally applicable
- Variants available for the combined metering of heating and cooling energy*
- Suitable for service water systems as well as water and glycol mixtures**
- The calculator unit can be removed as standard
- 6 or 10-year lithium battery
- High protective level (IP65)
- High dynamic ratio of 1:100
- The maximum medium temperature
  - Ultrasonic Q_p 0,6 - 2,5 m³/h: 130 °C
  - Ultrasonic Q_p 3,5 - 60 m³/h: 150 °C
  - Woltman: 105 °C

Volume metering units (VM) and sizes
- Ultrasonic-VM: Q_p 0.6 m³/h – 60 m³/h
  Woltman-VM: Q_p 15 m³/h – 250 m³/h

Display
- 7-digit LCD display
- Display of current and cumulative values, check digit and many service and operating parameters
- Additional display of 18 monthly values with date
- Clear pictograms and large digits enable fast readout

System integration
- Integration in a Q AMR or Q walk-by radio system using a radio add-on module
- Version with integrated M-Bus interface available

Temperature sensor PT 1000
- High-quality pair of temperature sensors with 2-cable technology and PT 1000 metering elements
- Diameters: 5.2 mm / 6 mm
- Cable lenghts: 3 m / 10 m

EED READY

* Split heat meters with an optional cooling section are not covered by the directive on metering devices (MID)
** Solar meters are not covered by the directive on metering devices (MID), optimized for glycol mixture Tyfocor L / LS

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