Make It Easy
JOYR200 Ultrasonic Heat Meter

**DESCRIPTION**

JOYR200 Ultrasonic Heat Meter is an innovative heat meter with static flow sensor based on the ultrasonic measuring principle. JOYR200 is designed for measuring the heating consumption in which water is the heat bearing medium. It utilizes ultrasonic measuring methodology and microprocessor technology. All calculation and flow measuring circuits are designed on one single board, thus offering exceptional accuracy and reliability.

**FEATURES**

- Less abrasion
- Static flow sensor for continuously stable performance.
- Low power consumption
- Long life up to 10 years
- Optional batteries for different life span
- Easy to install: vertical or horizontal installation
- Optional communications ports
- Language Independent
- MID Approved
- Up to IP68, Fully Water Proof
- No Moving Parts, Longer Life Span
- Over 1,000,000 Times Press On Button
- Optional Battery Life (max 15 years)
- Low Pressure Loss: <25KPa
- Class of Pressure Loss at qo, kPa ≤ 25
- Max Permissible Working Pressure, MPa 1.6
- Temperature Sensor A pair of PT1000 platinum resistor
- Temperature Range 4 – 95 ℃
- Temperature Difference Range 3 – 65 K
- Display unit kWh, MWh, GJ, Gcal (optional)
- Installation Direction Horizontal or Vertical
- LCD 8-digit
- Power Supply Battery DC 3.6V, lithium battery 6, 11.15 years lifetime (Optional)
- Static Consumption <20μA
- Data Storage 18 months history data
- Data interface IrDA, MBus, RS485, Pulse output, Pulse input
- Environmental Requirement Protection Class Up to IP68
- Environmental Class E1, M1, A
- Ambient Temp. 5 – 55 ℃
- Storage Temp. -20 – 60 ℃
- Communication Standard EN13757