MECHANICAL HEAT METER

SJMB-15~20

The Mechanical heat meter use advanced nonmagnetic technology, measures the flow volume and display the heat energy released or absorbed by water flow when passing through the heat exchange system.

The temperature range is 4~95°C.
Measurement unit: Kwh, Gcal, GJ.
Communication interface:

1. M-BUS
2. RS-485
3. Pulse output
4. LoRa/LoRaWAN(EU868,RU868,IN865,US915 and customized)
5. Water Meter Impulse output, connects Heat Meter, M-BUS/RS-485 output. Maximum connection of water meter: 4pcs.

Features:

1. Lithium battery life span: 10 years
2. Archive: 38 Months
3. Installation choice: Water supply pipeline or Water return pipeline
4. Installation: Horizontal/ Vertical
5. Accuracy: Class 2, meets EN1434
6. Top counter: Detachable
7. Measuring range (qs/qi =100:1)
8. Temperature sensor: PT 1000
9. Environment standard Class: A
10. Min. temperature difference: 3°C
11. Water pressure: ≤1.6Mpa

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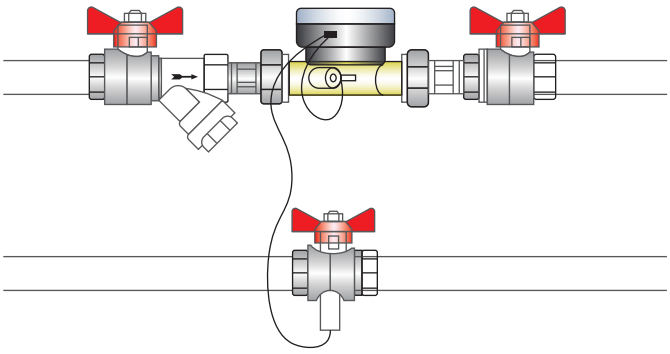
Models and Specifications

Model	Qn(m³/h)	Length(mm)	DN(mm)	Sensor length	Display	Communication interface	Class
SJMB-15-0.6	0.6	110	15	1.5m	Kwh, Gcal, GJ	1.M-BUS 2.RS-485 3.Pulse output 4. LoRa/ LoRaWAN 5.Water Meter Impulse output, connects Heat Meter, M-BUS/ RS-485 output	2
SJMB-15-1.5	1.5	110	15	1.5m	Kwh, Gcal, GJ		2
SJMB-20-2.5	2.5	130	20	1.5m	Kwh, Gcal, GJ		2

Main Technical Parameters:

Normal DN	mm	15	15	20
Qn	m³/h	0.6	1.5	2.5
Qmax	m³/h	1.2	3	5
Qmin	m³/h	0.012	0.03	0.05
Body thread	----	G¾"B	G¾"B	G1"B
Connection thread	----	½"	½"	¾"
Height	mm	105	105	105
Length	mm	110	110	130
Pressure loss (KPa/Qp)		8	21	23



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