



HUILE

An Easier Style, A Simpler Life

+86-18958345051

www.huile.hk

HLPM Series

Prepaid RF Card Cool Water Meter



Smart Functions

1. auto-control: Closing and opening valve according to programmes
2. Cryptographic security: Generating and identifying IC card password automatically, one card for one meter, not interchangeable.
3. anti-interfered by magnetic: The valve closes automatically, when meter is interfered by magnet, and opens by swiping IC card if interference eliminated
4. Warning function: The valve closes automatically when remaining balance is 2m(set according to user s request), and opens by swiping IC card
5. Low power warning: When power is insufficient, LCD reminds you to replace batteries
6. Valve closes when not replacing the battery in time after above reminding
7. LCD: LCD displays used amount, remaining,balance, valve status, power status, fault codes and other informations
8. Checking data: LCD no display normally, checking data by swiping IC card on meter
9. anti-plugging function: self-cleaning valve by the program to keep valve in good condition.
10. Data feedback: Date in water can feedback to managing svstem by card. convenient for management
11. Managing Cards: Checking card, transfer card are used for maintain operator
12. Ladder Prices: 2 dividing lines for used amount and 3 step prices, when used amount reaches the dividing line, the price rises to next step higher price. In the beginning of every month, the price returns to lowest step.

FEATURES

- The battery external installed. convenient for maintenance of corrosion-resistant materials.
- PCB is well covered, the meter can be used in humidity environment even under water
- Large-capacity chip is used to reduce external circuit, high reliability and less failure becomes possible
- High quality valve, moving flexibility, reliability, long lifespan
- Dual display, both in mechanical and LCD, more reliability
- High-precision high sensitivity.
- Polymer alloy is used for meter housing. The alloy is high strength(understanding more than 3MPA).light and no metal corrosion pursuant to environmental protection requirement.
- Low consumption: Static working current is zero or near zero, the battery is long lifespan.
- Water meter made of metal housing is available if needed.

PRESSURE RANGE

Up to 150 PSI.

TEMPERATURE RANGE

Up to 104°F.

SPECIFICATIONS

Maximum Reading:

9,999,999.99

9,999,999.90

Accuracy:

Normal flow: $\pm 2\%$

Low flow: $\pm 5\%$

MATERIALS OF CONSTRUCTION

Body and Couplings:
Plastic

Internals:
Engineered thermoplastic

Technical Parameters

Measurement grade: 2

Dimension(mm)

DN15:165×86×114

DN20:195×86×114

DN25:225×86×114

Power: 3.6V Lithium battery
or 4.5V AA alkaline batteries
or 3.6V lithium battery+6.5V-12V
adaptor

Working Temp: 0-40°C

Type of valve:Ball valve



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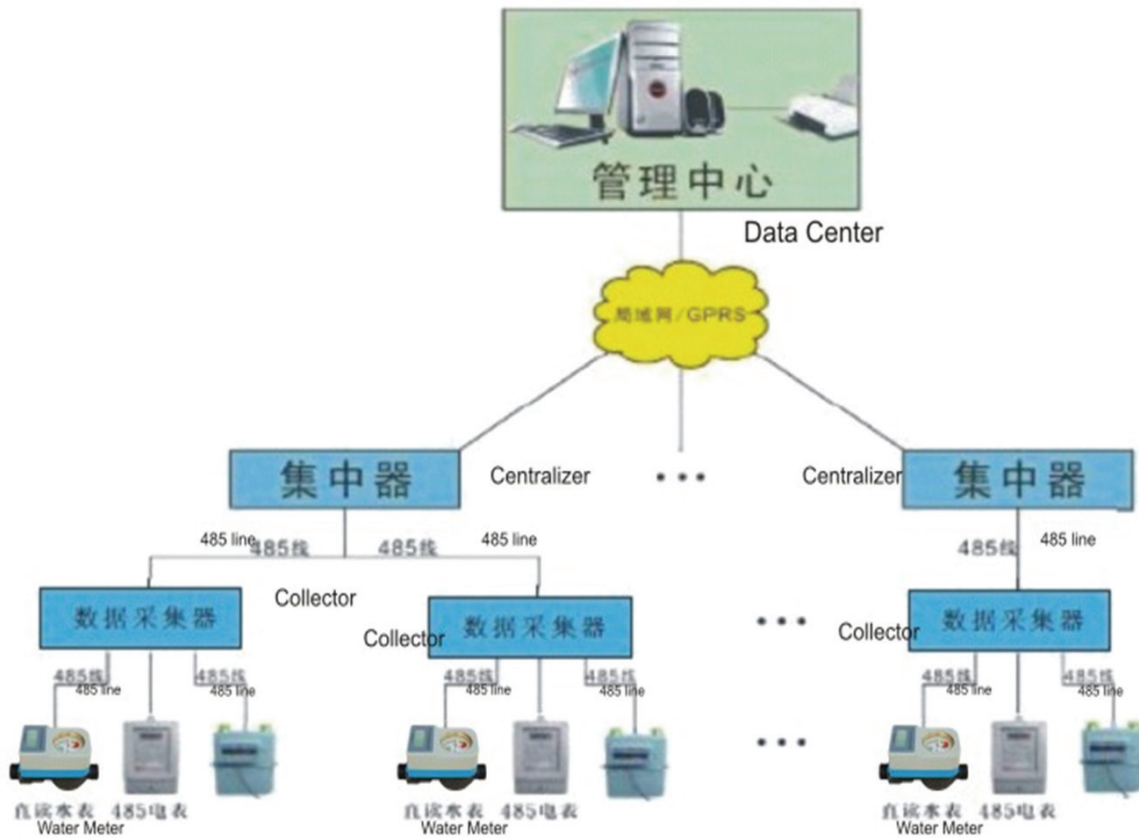
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Main Parameters

Meters made on standards of GB/T 778.1/3-2009、CJ/T 133-2007.

DN	Qs	Qp	Qt	Qmin	Min.Readings(m ³)		Max.Readings(m ³)	
mm	m ³ /h				Mechanical	LCD	Mechanical	LCD
15	3	1.5	0.12	0.03	0.00005	0.1	99999	9999
20	5	2.5	0.20	0.05	0.00005	0.1	99999	9999
25	7	3.5	0.28	0.07	0.00005	0.1	99999	9999
Max.error								
a)	±5% from (including) Qmin to(not including) Qt							
b)	±2% from (including) Qt to(including) Qs							

Dimension(mm)

DN15--DN50

DN	Lenth	Hign	Wide	G	Lenth(Nipple)	Thread
15	165	114	86	G3/4''B	45	R1/2
20	195	114	86	G1''B	50	R3/4
25	225	114	86	G1 1/4''B	58	R1