BUYI TECH

STS Prepaid Water Meter (BYW-100)

Product Description



This product is a rotary multi-jet remote water meter, used to measure and control the volume of drinking cold water flowing through the water pipeline. The materials meet the sanitation standards of drinking water metering instruments and conform to ISO4064:2014 and other standards.
The water meter communicates with UIU LoRa;

Technical Specification

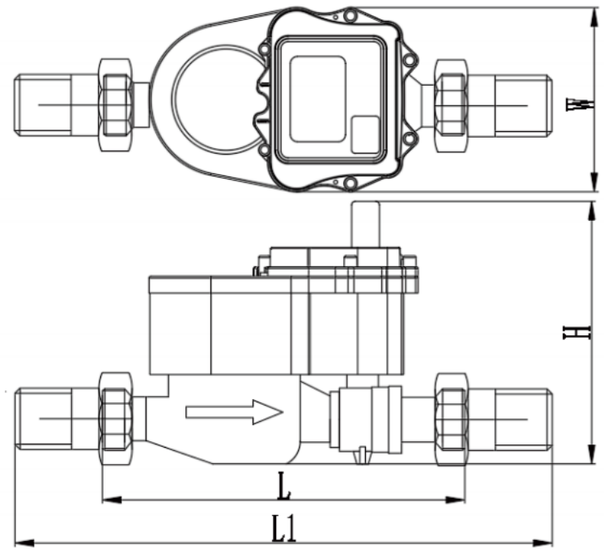
Accuracy class	class 2
Environmental class	class B
Temperature rating	T30
Pressure rating	MAP10
Pressure loss	▵p63
Sensitivity level of upstream flow	U10
Sensitivity level of downstream flow	D5
Water display type	Register/LCD
Installation method	Horizontal
Meter body material	Brass/ Plastic
Protection class (IP)	IP68
Communication method	LoRa
Standards	GB/T778-2018、JJF1777-2019、CJ/T224-2012、ISO4064:2014、IEC62055-31、IEC62055-41
Valve	Built-in ball valve
Dial	Optional: Dry
Velocity-type	Multi-jet

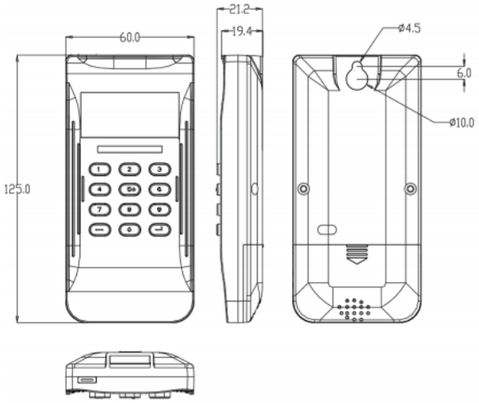
DN	Nomina flow	Transitional flow	Minimum flow	Minimum reading	Maximum reading
DN(mm)	(Q3)m3/h	(Q2)m3/h	(Q1)m3/h	m3	
15	2.5	Q3/Q1=100 Q2/Q1=1.6		0.00005	99999

Function Features

Prepayment	Support STS prepayment function, prepaid and postpaid can be switched, low credit alarm
Remote control	Remote recharge, close valve, open valve, clear credit, clean tamper
Metering and Storage	Metering forward water and store freeze data for the last 12 months
Early warning function	Battery undervoltage, magnetic interference, purchased credit and prepayment usage reach the threshold
Event record function	Credit clearing and water-tampering clearing record, recharge record and other events storage
CIU button	Reading, recharge, close valve, open valve, clear credit, clean tamper, query event records by short code
Prepaid/Postpaid	Optional

Insta lation Dimension





DN	L1	L	W	H	connecting thread	
		mm			d	D
15	259	165	110	145	R1/2	G3/4B

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