

Model: LXC-15E-20E

Valve Control Water Meter



Feature:

- Communication interface options:
(1) M-BUS (2) RS-485 (3) LoRa (4) LoRaWAN
(5) Pulse output (6) NB-IoT
- Size: DN15 to DN20mm, (1/2" – 3/4")
- Accuracy: R250
- Frequency: LoRa/ LoRaWAN 865MHz, 902MHz, 868MHz, 915MHz and Others

Main Technical Data:

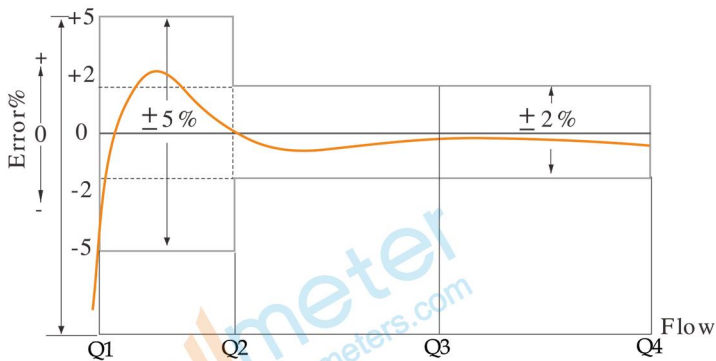
Item	Parameter
Meter Type	Ultrasonic Water Meter
Nominal Diameter (mm)	DN15~DN20
Q3/Q1	R250
Measured medium	Water
Accuracy class	Class 2
Frequency	868MHZ, 915MHZ
Water pressure class	1.6MAP(16 bar)
Pressure-loss class	$\Delta p40$
Temperature class	T30,T50
Installation position	H/V
The installation sensitivity	U5/D3
Electromagnetic class	E1
Environmental class	B
Key-press	Touch control technology
Types of Indicating device	LCD:8-digits, 0~99999.999m ³
Menu Contents	Instantaneous flow (m3/h), cumulative flow (m3), screen detection, table address, cumulative working time (h), date (year/month/day), caliber, software version
Communication Interface	M-BUS, RS-485, LoRa, LoRaWAN, Pulse output, NB-IoT
Power Source	Lithium battery ER26500(replaceable)
Battery Voltage &Capacity	3.6V , 8500mAh
Life span	10 years.
IP code	IP68
Storage Temperature	-25℃~+55℃
Cable length	1.0 m

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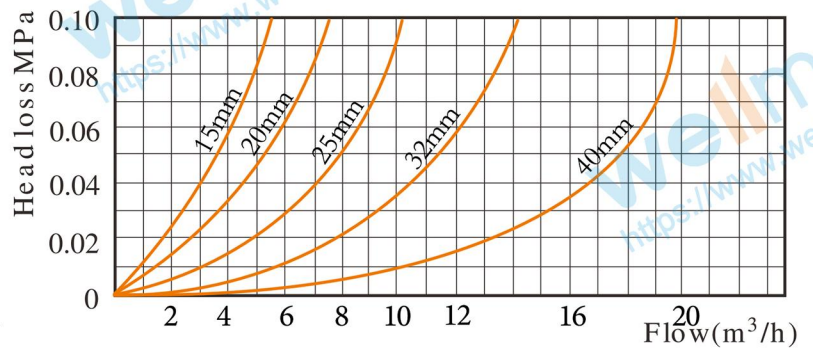
Flow Rate:

Parameter	Unit	Data Value	
Nominal Diameter		DN15	DN20
Qmin(Q1)	L/h	10	16
QTransitional(Q2)		16	25.6
Qn/permanent(Q3)	m³/h	2.5	4
Qoverload(Q4)		3.125	5
Range ratio=Q3/Q1		250	
Temperature		T50	
Battery life	Year	>10	

Error Curve:

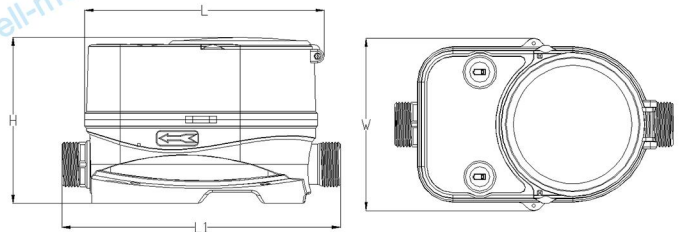


Head Loss Curve:



Dimensions:

Nominal Diameter(mm)	DN15	DN20
Thread	G3/4B	G1B
L(mm)	165	195
H(mm)	98.2	98.2
W(mm)	102	102



WORKING CONDITION:

Water temperature: ≤50°C for cold water meter

Water pressure: ≤16 Bar

wellmeter

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