

**Model: LXC-15D-40D**

## Ultrasonic Water Meter

### Feature:

- Cable interface options:  
(1) M-BUS (2) RS-485 (3) Pulse output (4) LoRa  
(5) LoRaWAN
- Size: DN15 to DN40mm, (1/2" – 1 1/2")
- Accuracy: R400 / R250
- Frequency: LoRa/ LoRaWAN 865MHz, 902MHz, 868MHz, 915MHz and Others



### Main Technical Data:

Item	Parameter
Meter Type	Ultrasonic Water Meter
Nominal Diameter (mm)	DN15~DN40
Q3/Q1	DN15-DN25 R400,R250; DN32-DN40 R250
Measured medium	Water, homogeneous liquid, and filled with measured pipes.
Accuracy class	Class 2
Water pressure class	1.6MAP ( 16 bar)
Pressure-loss class	DN15/DN20:Δp40 DN25/DN32/DN40:Δp63
Temperature class	T50
Installation position	H/V
The installation sensitivity	U10/D5
Electromagnetic class	E1
Environmental class	B
Key-press	Magnetic induction key
Types of Indicating device	LCD:8-digits, 0~9999.9999m <sup>3</sup>
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	Photoelectric
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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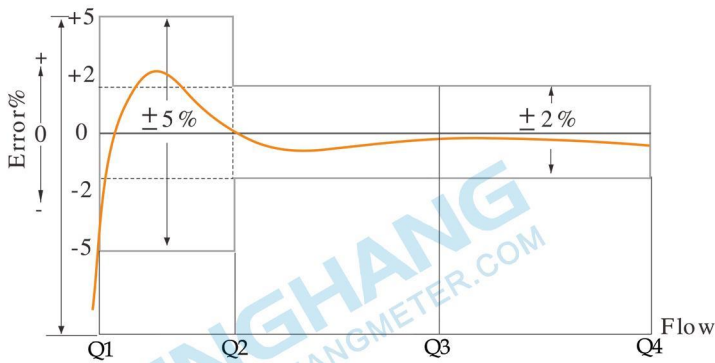
Drawing:



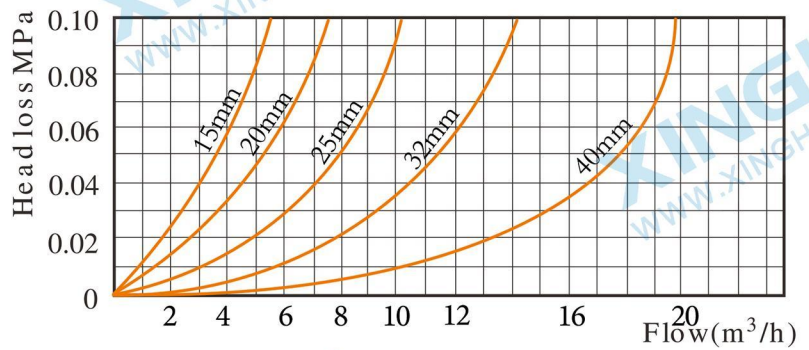
Flow Rate:

Parameter	Unit	Data Value				
Nominal Diameter		DN15	DN20	DN25	DN32	DN40
Start flow rate		0.002	0.002	0.003	0.005	0.005
Qmin(Q1)		0.00625	0.01	0.01575	0.04	0.064
QTransitional(Q2)	m <sup>3</sup> /h	0.01	0.016	0.0252	0.064	0.1024
Qn/permanent(Q3)		2.5	4	6.3	10	16
Qoverload(Q4)		3.125	5	7.87	12.5	20
Range		400			250	
Temperature		T50				
Battery life	Year	>10				

Error Curve:

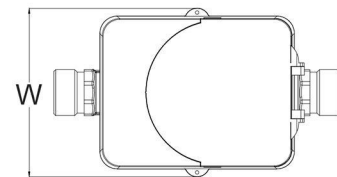
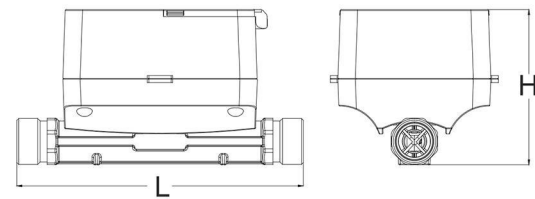


Head Loss Curve:



Dimensions:

Nominal Diameter (mm)	DN15	DN20	DN25	DN32	DN40
Thread	G3/4B	G1B	G1 1/4B	G1 1/2B	G2B
L(mm)	165	195	225	180	200
H(mm)	85	90	95	115	125
W(mm)	85	85	85	85	85



WORKING CONDITION:

Water temperature: ≤50°C for cold water meter

Water pressure: ≤16 Bar



**XINGHANG**

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