wellmeter
Smart Metering



Built on Innovation For Water Saving

ISO ISO4064 NSF CE MID EN 14154 OIML

Application Standards

wellmeter
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LXC-15S-25S

Application

LXC-15S-25S designed for remote control water supply requirement for households, blocks of flats and for industrial by SS304 valve inbuilt shut off and open.

- **M-BUS/RS485 Protocol:** *EN13757*
- **Modbus Baud Option:** *2400 or 9600*
- **LoRa/LoRaWAN Frequency Rate:** *868MHz, 915MHz, 902MHz, 920MHz, etc*



Communication

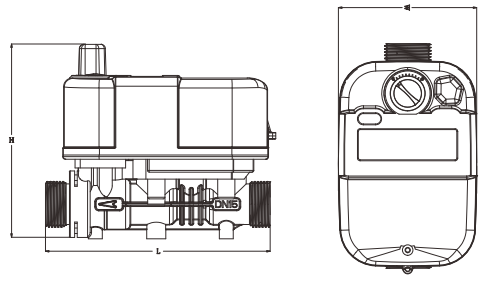
M-Bus | RS485 | NB-IoT | 4G | LoRa | LoRaWAN

Feature Highlights

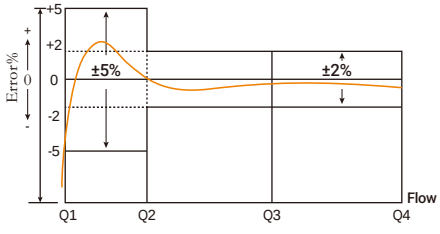
- Max battery life 15 years
- Exceptional IP68 proof
- Install in any position
- No air measuring
- Detecting pipe leaks
- Valve shut off control function

Dimensions

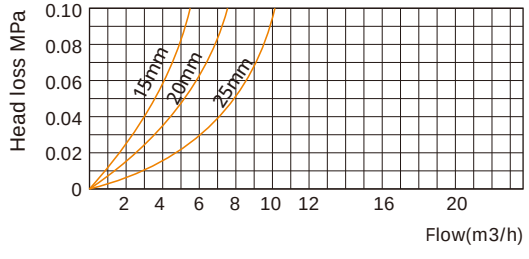
Nominal Diameter (mm)	DN15	DN20	DN25
Thread	G3/4B	G1B	G1 1/4B
L (mm)	130	130	160
H (mm)	125	129	136
W (mm)	88	88	88



Error Curve



Head Loss Curve



Main Technical Specifications

	DN15	DN20	DN25
Q4(Qoverload)m3/h	3.125	5	7.875
Q3(Qmax/permanent)m3/h	2.5	4	6.3
Q2(Qtransitional)m3/h	0.016	0.0256	0.040
Q1(Qmin)m3/h	0.010	0.016	0.0252
Start Flow Rate m^3/h	0.003	0.005	0.005
Dynamic Range	R250		
Standard	ISO4064 / OIML R49		
Measured Medium	Water		
Metrological Class	Class 2		
Battery	ER34165		
Battery Life	≥10 Years		
Consumption	<0.2mW		
Pressure Loss	Δp63		
EMC	E1		
Environmental Classification	Class B		
Protection Class	IP68		
Medium Temperature	T50		
Storage Temperature	-25~55°C		
MAP	PN16		
Accuracy	±5% in range Q1≤Q<Q2		
	±2% in range Q2≤Q≤Q4		
Material	Composite Material		
The Installation Senstivity	U5/D3		
Climatic and Mechanical	M1		
Key-press	Touch control technology		
Display	LCD 9 digit + prompt		
Menu Contents	Instantaneous flow (m^3/h), cumulative flow (m^3), full screen display, meter address, cumulative working time (h), date (year/month/day), caliber, software version		
Display Range	Total flow :0m^3~+99999.9999m^3		
Communication	Optical Port, LoRaWAN, M-BUS, RS-485, LoRa RF, NB-IoT, 4G (CAT 1)		
Display and Indication	Unit: L/m^3/Gal (optional)		
Data Storage	36 months		

Installation Position

