



## Built on Innovation For Water Saving



Application Standards

# LXC-15E-20E

## Application

LXC-15E-20E designed for remote control water supply requirement for households, blocks of flats and for industrial by brass 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

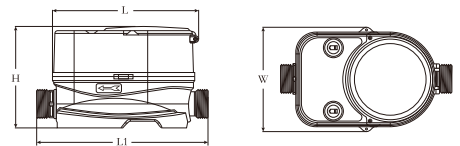


## Feature Highlights

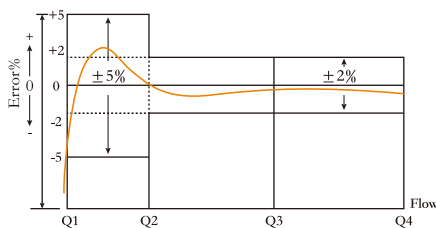
- Max battery life 15 years
- Exceptional IP68 proof
- Install in any position
- No air measuring
- Detecting pipe leaks
- Valve shut off control function

## Dimensions

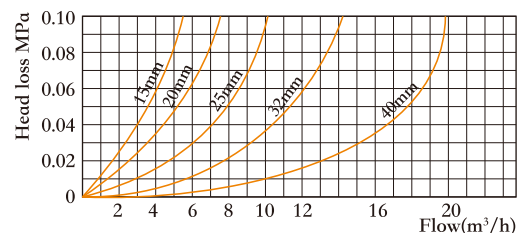
Nominal Diameter (mm)	DN15	DN20
Thread	G3/4B	G1B
L (mm)	165	195
H (mm)	98.2	98.2
W (mm)	102	102



## Error Curve



## Head Loss Curve



 **Main Technical Specifications**

	DN15	DN20
Q <sub>4</sub> (Q <sub>overload</sub> )m <sup>3</sup> /h	3.125	5
Q <sub>3</sub> (Q <sub>max/permanent</sub> )m <sup>3</sup> /h	2.5	4
Q <sub>2</sub> (Q <sub>transitional</sub> )m <sup>3</sup> /h	0.016	0.0256
Q <sub>1</sub> (Q <sub>min</sub> )m <sup>3</sup> /h	0.010	0.016
Start Flow Rate m <sup>3</sup> /h	0.002	0.002
Dynamic Range	R250	
Standard	ISO4064 / OIML R49	
Measured Medium	Water	
Metrological Class	Class 2	
Battery	3.6V, Li-battery ER26500(Default) / ER34615	
Battery Life	≥10 Years	
Consumption	<0.2mW	
Pressure Loss	Δp40	
EMC	E1	
Environmental Classification	Class B	
Protection Class	IP68	
Medium Temperature	T30/T50	
Storage Temperature	-25~55°C	
MAP	PN16	
Accuracy	±5% in range Q1≤Q<Q2 ±2% in range Q2≤Q≤Q4	
Material	Brass 59-1	
The Installation Sensivity	U5/D3	
Climatic and Mechanical	M1	
Key-press	Touch control technology	
Display	LCD 8 digit + prompt	
Menu Contents	Instantaneous flow (m <sup>3</sup> /h), cumulative flow (m <sup>3</sup> ), full screen display, meter address, cumulative working time (h), date (year/month/day), caliber, software version	
Display Range	Total flow :0m <sup>3</sup> ~+99999.999m <sup>3</sup>	
Communication	Optical Port, M-bus, RS485, LoRa, LoRaWAN, NB-IoT	
Display and Indication	Unit: L/m <sup>3</sup> /Gal (optional)	
Data Storage	84 months	

 **Installation Position**

