Built on Innovation For Water Saving

ISO4064 NSF CE MID EN 14154 OIML

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

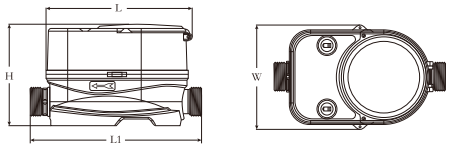
M-Bus | RS485 | NB-IoT | 4G | LoRa | LoRaWAN

Feature Highlights

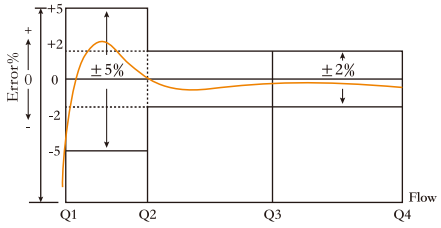
- Max battery life 15 years
- Exceptional IP68 proof
- Install in any position
- No air measuring
- Detecting pipe leaks
- Valve shut off control function

Dimensions

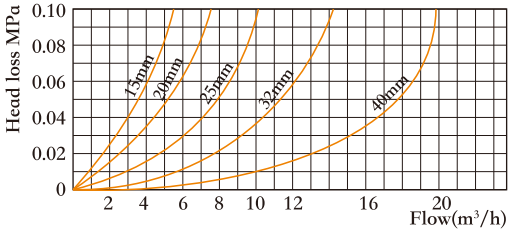
Nominal Diameter (mm)	DN15	DN20
Thread	G3/4B	G1B
L (mm)	165	195
H (mm)	98.2	98.2
W (mm)	102	102



Error Curve



Head Loss Curve



Main Technical Specifications

	DN15	DN20
$Q_4(Q_{overload})m^3/h$	3.125	5
$Q_3(Q_{max/permanent})m^3/h$	2.5	4
$Q_2(Q_{transitional})m^3/h$	0.016	0.0256
$Q_1(Q_{min})m^3/h$	0.010	0.016
Start Flow Rate m^3/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	
Water meter life	≥ 20 Years	
Barattery life	≥15 Years	
Battery replaceable	Yes	
Consumption	<0.2mW	
Pressure Loss	Δp40	
EMC	E1	
Environmental Classification	Class B	
Protection Class	IP68	
Medium Temperature	T90	
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 Senstivity	U0/D0	
Climatic and Mechanical	M1	
Key-press	Touch control technology	
Display	LCD 8 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 :$0m^3$~+$99999.999m^3$	
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	84 months	

Installation Position