

XINGHANG

Smart Metering



Built on Innovation For Water Saving



Application Standards

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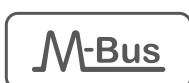
LXC-15E-20E

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



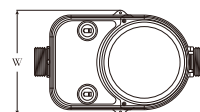
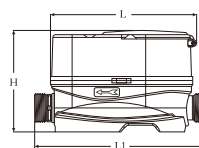
Detecting pipe leaks



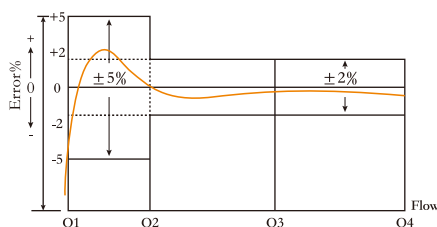
Valve shut off control function

Dimensions

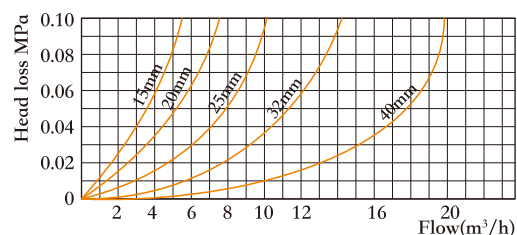
Nominal Diameter (mm)	DN15	DN20
Thread	G3/4B	G1B
L (mm)	165	195
H (mm)	98.2	98.2
W (mm)	102	102



Error Curve



Head Loss Curve





Main Technical Specifications

	DN15	DN20
$Q_4(Q_{\text{overflow}})\text{m}^3/\text{h}$	3.125	5
$Q_3(Q_{\text{max/permanent}})\text{m}^3/\text{h}$	2.5	4
$Q_2(Q_{\text{transitional}})\text{m}^3/\text{h}$	0.016	0.0256
$Q_1(Q_{\text{min}})\text{m}^3/\text{h}$	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	
Battery Life	≥ 10 Years	
Consumption	$< 0.2\text{mW}$	
Pressure Loss	$\Delta p40$	
EMC	E1	
Environmental Classification	Class B	
Protection Class	IP68	
Medium Temperature	T30/T50	
Storage Temperature	$-25\sim 55^\circ\text{C}$	
MAP	PN16	
Accuracy	$\pm 5\%$ in range $Q_1 \leq Q < Q_2$	
	$\pm 2\%$ in range $Q_2 \leq Q \leq Q_4$	
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^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 : $0\text{m}^3 \sim +99999.999\text{m}^3$	
Communication	Optical Port, M-bus, RS485, LoRa, LoRaWAN, NB-IoT	
Display and Indication	Unit: $\text{L}/\text{m}^3/\text{Gal}$ (optional)	
Data Storage	84 months	



Installation Position

