RESIDENTIAL AND LIGHT-COMMERCIAL LINES

LXCY-15~50 Remote Ultrasonic Water Meter

A transit-time ultrasonic meter for lines from DN15 to DN50. No moving parts in the water path, Class 2 accuracy that holds at low flow, IP68 sealing, and one communication module pre-installed per meter — RS485 / M-BUS, or 2G / 4G Cat.1 / NB-IoT / LoRaWAN / Wi-SUN.

DN15–DN50	Class 2	IP68	≥8 years	U0/D0
NOMINAL SIZE	ISO 4064	WHOLE METER	BATTERY	FLOW-FIELD SENSITIVITY



Production unit. Stainless steel, brass or engineering plastic body, sealed electronics head.

- No moving parts — grit and scale cannot slow the reading down.
- Horizontal or vertical, no accuracy loss; flow-field sensitivity U0/D0.
- IP68 on the whole meter — it can stay submerged.
- Historical data kept more than 10 years after a power loss.

SPECIFICATION

Measuring principle	Transit-time ultrasonic, bidirectional; single-channel DN≤40
Accuracy	Class 2, designed and manufactured to ISO 4064
Range ratio	R200 on DN15–DN25; R400 on DN32–DN50
Body materials	Stainless steel, brass or engineering plastic (DN15–DN25)
Installation	Horizontal or vertical, no accuracy loss
Sealing	IP68, whole meter — it can stay submerged
Power supply	3.6 V DC lithium battery
Battery life	≥8 years on timed upload (20 min read, 12 h upload)
Wired interfaces	RS-485 / M-BUS
Wireless interfaces	2G / 4G Cat.1 / NB-IoT / LoRaWAN / Wi-SUN
Local interface	Infrared port for on-site parameter setting and read-out
Display	9-digit LCD with function symbols
Totalising range	0 – 999,999.999 m³
Data retention	Historical data kept more than 10 years after power loss
Alarms	Leak, reverse flow, tampering, damaged seal, empty pipe, low battery

ORDERING INFORMATION

State the bore and the flow range you must cover, and the module you run. Cold water T30, T50 or hot water T70 available on DN15–DN25. Model code: **LXCY-25, DN25, NB-IoT**.

CONTACT

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Specifications subject to change without notice. Rev. 2026-11