

NextMeter Outdoor

Ultrasonic Meter with NextConnect™ Wireless



The ultrasonic [NextMeter Outdoor \(NM5-0\)](#) combines advanced solid-state measurement technology with the NextConnect wireless platform, giving users the flexibility to customize their solution as their needs change.

Next Ultrasonic Technology

The NextMeter combines advanced ultrasonic technology with the industry's leading AMR solution in a simple, user-friendly design, ensuring seamless deployment while delivering significant savings on installation costs.

NextMeter's ultrasonic technology precisely detects even the smallest flows and maintains exceptional accuracy across all flow rates. With no moving parts to degrade, this reliability and precision are sustained throughout the meter's entire lifespan.

Flexible Communications

The NextConnect wireless solution equips all meter endpoints with 5G LTE cellular communication, enabling direct meter reading within coverage areas. Additional built-in wireless technologies offer redundancy and scalability, enabling fixed-network, walk-by, and drive-by reading options.

Durability

The NextMeter's solid-body design ensures exceptional strength and long-term, maintenance-free operation. Its seamless flow-body eliminates internal gaskets, a common failure point in traditional meters. Constructed with an advanced glass-reinforced polymer, it offers superior durability, resistance to deterioration, and safeguards against water contamination.

Key Benefits

- Multi-carrier 5G LTE-M cellular
- Extra large 10-digit LCD display for easy reading
- Drives revenue gains with maximum recapture rates
- Minimal head loss due to open flow-tube design
- Easily switch between walk-by, drive-by, fixed-network, and cellular reading technologies
- Real-time data and alerting
- NTEP Approved
- IP 68 rated for outdoor use
- Output for use with pulse or encoded end-points

Warranty

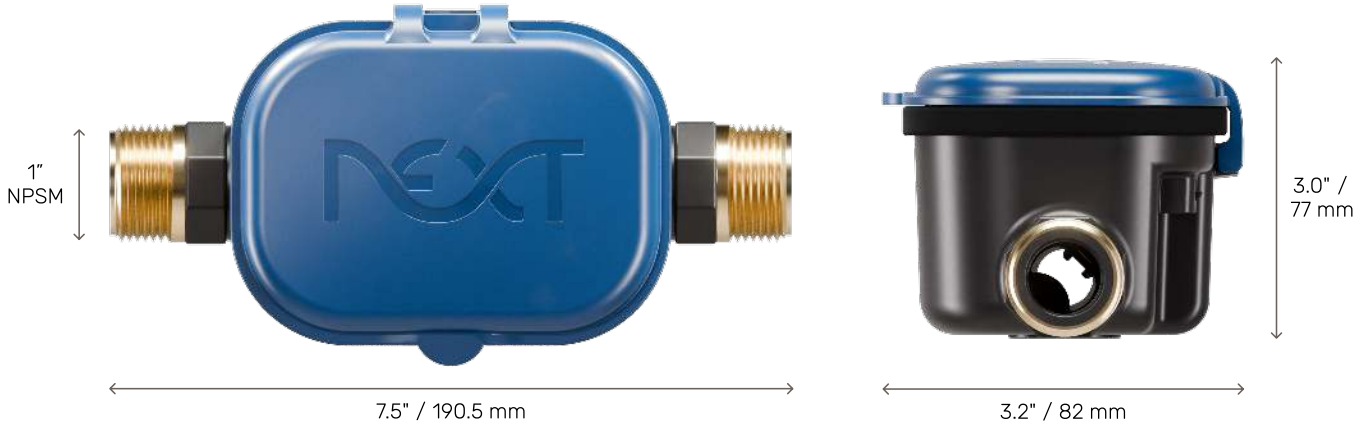
- 20-year warranty

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Specifications



Applications

Models	Meter Size	Connection (NPSM)	Lay Length	Max Flow (GPM)
NM5-0 3/4"	5/8" x 3/4"	1"	7 1/2"	25
NM5-0 3/4"	3/4" x 3/4"	1"	7 1/2"	30
NM5-0 3/4"	3/4" Full*	1"	9"	30
NM5-0 1"	1" Full*	1.25"	10.75"	50

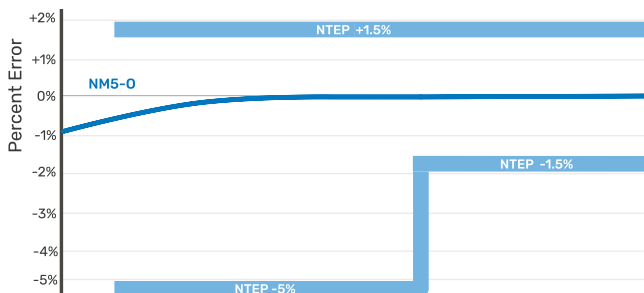
* Available with 1 1/2" extension coupling

Approvals

FCC ID: 2A8EC-NM40 (Pending) | IC: 28950-NM40 (Pending)
 NSF/ANSI/CAN 61 & 372
 NTEP/CTEP Approval 23-055
 Conforms to AWWA C715-18

Performance

Measures flow as low as .05 gpm and up to 30 gpm
 Exceeds AWWA accuracy standards



Temperature

Accuracy tested up to 150° F | 66°C

Environment

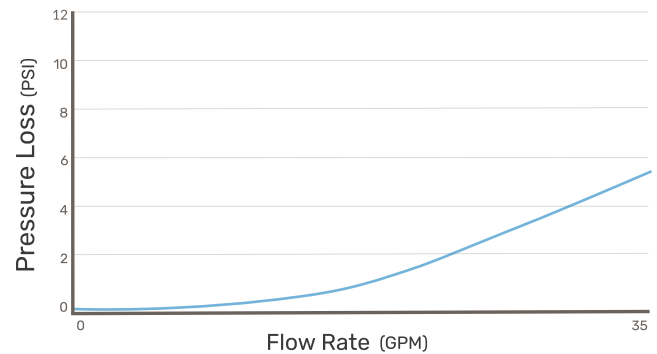
Indoor or outdoor installation
 Ambient Temp: 33°F to 140°F | 1°C to 60°C
 Optimal Storage Temp: 0°F to 100°F | -18°C to 38°C

Outputs

Pulse and encoded output with accessory cable

Pressure

Up to 200 psi operating pressure
 Minimal head loss: less than 2 psi at 15 gpm





Specifications (cont.)

Power

Typical 20+ year battery longevity

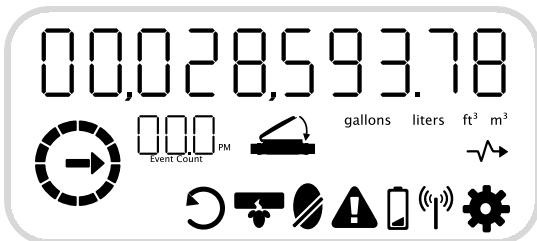
Communications

Multi-carrier 5G cellular with simple LTE-M

Data

- Web and mobile app (Android & iOS)
- API access to interval data
- Hourly high-resolution meter read
- Ambient and water temperature
- Flow profiling with abnormal & reverse flow detect
- Cloud-configurable alerts and notifications

LCD Display



The LCD displays a 10-digit meter read, as well as the current flow rate and unit of measure. The flow indicator wheel spins when any flow is detected. The following status icons will show when applicable:

- LCD display is inactive; close lid, then open again to view active display
- The flow tube is dry
- A burst pipe has been detected
- Battery has less than 10 months remaining
- Transmitting meter read data
- Wired output, pulse is being sent
- The meter is accepting a new configuration
- Shows in place of the flow rate, count increments when meter configuration updated

Warranty

Next Meters warrants the NM5-0 to be free from defects under normal use for a period of 20 years from the date of manufacture.

For full warranty information, please refer to the Data Gathering System Warranty document.

docs.nextmeters.com/warranty

Due to continuous product improvement and the need to comply with evolving regulations, Next Meters reserves the right to modify product specifications without prior notice.

Contact

For additional information or assistance, please visit our Support Center or contact our Product Support Team: support.nextmeters.com

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