



SMART SINGLE - JET WATER METER

The single-jet smart water meter uses a proven flow measurement design, coupled with modern, state-of-the-art communication technology for both the measurement of water consumption and monitoring of the overall system. Real-time monitoring and reporting is conducted at the meter level to ensure that system issues (leaks, bursts, etc.) are identified promptly.

High-quality components ensure that the meter maintains its rated accuracy throughout the service life. The meter is lead free and NSF/ANSI/CAN 61 certified.

FEATURES



Ideal for both residential metering, and high-rise submetering applications



Highly precise and can measure all flow rates accurately



Built-in alerting system allows for prompt notification of leaks, bursts, meter issues and other problems



Separate models available for hot and cold water supply



Durable and reliable, dry-type flow sensor design



Intuitive LCD display



Long battery life (up to 10 years)








Environmentally friendly, lightweight and compact

ALERTING SYSTEM

The Smart Alerting System, built directly into the meter, will update the status of the meter and send a notification in the event that an issue is detected.

This enables problems to be fixed before substantial damage is caused.

Alert	Benefits
 Leak	Notification of constant low flow water consumption.
 Burst	Notification of burst pipe in residence.
 Reverse Flow	Notification of issues with installation or building water supply.
 Memory Error	Notification of meter memory problems.
 Low Battery	Notification of low battery level.

SPECIFICATIONS

Diameter	DN15	DN20
Minimum Flow Rate, Q_i (m ³ /h)	0.025	0.04
Nominal Flow Rate, Q_p (m ³ /h)	2.5	4.0
Maximum Flow Rate, Q_s (m ³ /h)	3.125	5.0
Length (mm)	110	130
Width (mm)	73	73
Height (mm)	78	78
Accuracy	Class 2	
Turndown Ratio (Q_p / Q_i)	R100	
Pressure loss at Q_p	$\Delta P < 63$ kPa	
Max. Operating Pressure	1.6 MPa	
Water Temperature Limits	Cold: 30°C, Hot: 90°C	
Ambient Temperature Limits	5°C to 55°C	
Storage Temperature Limits	-20°C to 60°C	
Installation Requirements	U10, D5	
Battery	3.6 V DC, 10-year battery life	
Data Storage	36 months historical data	
Communication	Lynked RF, LoRaWAN, M-Bus	
Standard Compliance	NSF/ANSI/CAN 61, AWWA C712	
Protection Class	IP65, IP68	
Environmental Class	B	
Electromagnetic Class	E1	
Mechanical Class	M1	

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LBYY24002-V07