



WX800 Series

NB-IoT Smart Water Meters

Designed for residential, commercial & industrial, and transmission & distribution use, the WX800 Series NB-IoT smart water meters are the latest offering for water utilities to complement our electricity and gas metering product lines.

Leveraging EDM I's proven quality processes and combined with industry leading features, the smart water meters are built on open standards and delivers substantial long term value to utilities deploying smart water meters.



I Key Features

- **Ultrasonic Metrology** – Non mechanical measurement ensures no loss of revenue over the life of the meter
- **Cumulative Forward and Reverse Totals**
- **Interval Data** – 5m, 15m, 30m, 1h, 4h
- **Cumulative Totals Retention** – Customisable - Default 6 months
- **Alarms** – Customer Leak, Reverse Flow, Cover Tamper, Empty Pipe, Battery. Parameter driven, remotely configurable Burst Pipe, Pressure, Temperature
- **FOTA** – Application Firmware, NB-IoT Firmware, upgradable individually
- **Open Communications Protocol** – LwM2M Allows interoperability with any LwM2M compliant back end system – no lock-in
- **Multi-Band NB-IoT Module**
- **Optical Switch for commissioning** – no special tools needed
- **NFC** for operational support
- **Extended Operating Life** – Replaceable Dual D Batteries - 38 A/H

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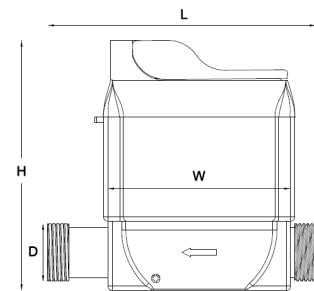


I Specifications

DESCRIPTION	UNITS	WP20	WP25	WP32	WP40
Nominal Diameter (DN)	mm	20	25	32	40
R	Q ₃ /Q ₁	250	250	250	250
Maximum Flow Rate Q ₄	m ³ /h	5	7.875	12.5	20
Nominal Flow Rate Q ₃	m ³ /h	4	6.3	10	16
Transitional Flow Rate Q ₂	L/h	25	40	64	128
Minimum Flow Rate Q ₁	L/h	16	25	40	64
Starting Flow Rate	L/h	<4	<4	<8	<11
Maximum Reading	m ³	999999.999			
Minimum Reading	Litre	1			
Minimum Reading (Calibration)	Litre	0.0001			
Maximum Pressure	MAP	MAP16			
Maximum Temperature	°C	T50			
Installation Position	-	Any position			

I Mechanical Dimensions

DESCRIPTION	UNITS	WP20	WP25	WP32	WP40
Nominal Diameter (DN)	mm	20	25	32	40
Length (L)	mm	154	178	190	232
Height (H)	mm	135	152	156	160
Width (W)	mm	110	128	128	128
Thread (D)		G1" B*	G1-1/4" B*	Flanged	Flanged



*Other thread sizes available on request

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