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# WX800 Series

# Smart Water Meters

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

Leveraging EDMI'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.



### **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, upgradable individually
- **Open Communications Protocol** LwM2M Allows interoperability with any LwM2M compliant back end system – no lock-in
- Optical Switch for commissioning no special tools needed
- NFC for operational support
- Extended Operating Life Replaceable Dual D Batteries - 38 A/H

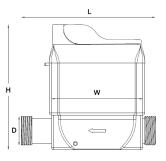
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Smart Water Meters

Specifications								
DESCRIPTION	UNITS	WP20	WP25	WP32	WP40			
Nominal Diameter (DN)	mm	20	25	32	40			
R	<b>Q</b> <sub>3</sub> / <b>Q</b> <sub>1</sub>	250	250	250	250			
Maximum Flow Rate $\mathbf{Q}_{_4}$	m³/h	5	7.875	12.5	20			
Nominal Flow Rate <b>Q</b> <sub>3</sub>	m³/h	4	6.3	10	16			
Transitional Flow Rate Q <sub>2</sub>	L/h	25	40	64	128			
Minimum Flow Rate Q <sub>1</sub>	L/h	16	25	40	64			
Starting Flow Rate	L/h	<4	<4	<8	<11			
Maximum Reading	m <sup>3</sup>	999999.999						
Minimum Reading	Litre	1						
Minimum Reading (Calibration)	Litre	0.0001						
Maximum Pressure	MAP	MAP16						
Maximum Temperature	°C	Т50						
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*	G1-¼"B*	Flanged	Flanged



\*Other thread sizes available on request

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