

Ultrasonic Water Meter

General								
Meter Size (mm)	50, 80, 100, 150, 200, 250, 300							
Measuring Method	Transit-Time, Anti-Round 1 Pair Insertion Transducers							
Application	Water Meter, Flow monitoring Flowmeter, Flowmeters for (Chemical, Steel, Semiconductor, Ship Manufacturing, Oil Refinery, Irrigation)							
Transducer Type	Submersible, IP68, Temp. range: -40 ~ 120 °C							
Output	Pulse (X5L, integral type) RS-232C (X5LR, remote type)							
Required Straight Pipe Run	before 7D downstream, after 3D downstream							
Display	Total & Flow, Reverse Flow, Empty Alarm, Operation Status, Communication							
Datalogger	8800 times							
Communication	RS-232C (Xonic-5LR, remote type)							
Pulse Output	(1m ³ /pulse)							
Electronic								
Protection	IP65 for Remote Electronics							
Measuring Range	0.05 ~ 10 m/sec							
Sensitivity	0.01 m/sec							
Accuracy	2.0% RD							
Battery Operation	8 to 10 Years							
Operation Temperature	-20 ~ +75 °C							
Transducer								
Protection	Submersible, IP68							
Operation Temperature	-40 ~ +120 °C							
Spool Material	Stainless Steel 304							
Meter Size								
Meter Size	50	80	100	150	200	150	300	
Q4	Max Flow m ³ /h	20	200	312	500	787	1250	1250
Q3	Normal Flow ($\pm 2\%$)	16	160	250	400	630	1000	1000
Q2	Spread Flow ($\pm 2\%$)	0.64	3.2	5	8	12.6	10	16
Q1	Min Flow ($\pm 5\%$)	0.16	1.28	2	3.2	5	6.25	10
	Start Flow	0.048	0.3	0.5	1	2	3	8
	Flange Length	305mm	240mm	240mm	300mm	350mm	450mm	500mm