

# Ultrasonic Sewer Pipe Flowmeter (Xonic-100LO)

General		
Installation	Sewer pipe size from DN150 - 800mm	
Measuring Principle	Transit-Time, Anti-Round®	
Application	Sewage, Wastewater, Heavy Slurry	
Transducer Type	Submersible, IP68, Temp. range: -40 ~ 90 °C	
Air/Slurries Contains	30% Max	
In/Output	Analog Output	Two 4-20mA output
	Relays Output	Relay (DC Contact Relay) Relay for pulse totalizer, Batch & Alarm
	Analog Input	Two 4-20mA input
Required Straight Pipe Run	5D upstream, 2D downstream	
Display	Color Graphic LCD Display (flowrate: 4.5digit, Total: 12digit) Flowrate, Velocity, Total (POS,NEG,NET), Input Data(AI), Delta T, Ultrasonic Signal Shape, Frequency	
Sound Speed Tracking	Automatic Sound Speed Tracking	
Time Average Set		
Datalogger	32 Mbytes (more than 500,000 points Datalogging)	
Communication	RS-232C / RS-485 Modbus	
Electronic		
Protection	NEMA 4 / IP65	
Flow Velocity	+/- 0.05 ~ 10 m/sec	
Turn Down Ratio	200:1	
Accuracy	± 2.0%	
Power	AC110 ~ 220V	
Operation Temperature	-20 ~ 75 °C	
Transducer		
Protection	Submersible, IP68	
Operation Temperature	-40 ~ 90 °C	
Cable	standard 10meter	