Ultrasonic Flowmeter (Xonic-100L)

General		
Installation		Pipe size from DN15 - 6,000mm
Measuring Principle		Transit-Time, Anti-Round
Application		Municiple Water, Waste Water, Block Flow Monitoring, Strong Acid, Solvent, Milk, Deni-Water, Oil, Sea Water, Cool and Hot Water, Liquids contains Heavy Slurry and Air, etc
Transducer Type		Submersible, IP68, Temp. range: -40 ~ 120 ºC
Air/Slurries Contains		30% Max
In/Output	Analog Output	Two 4-20mA output
	Relays Output	Two Relays (DC Contact Relay) Two relay for pulse totalizer, Batch & Alarm
	Analog Input	Two 4-20mA input
Required Straight Pipe Run		10D upstream, 5D downstream, single path 7D upstream, 3D Downstream, dual path
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 1,000,000 points Datalogging)
Communication		RS-232C / RS-485

Electronic	
Protection	NEMA 4 / IP65
Flow Velocity	+/- 0.02 ~ 12 m/sec
Turn Down Ratio	1000:1
Accuracy	+/- 1.0% single path (over 0.02 m/s) +/- 0.5% dual path (over 0.02 m/s)
Power	Limit range: 85 ~ 264Vac (on the label, it is marked as standard power range AC110~220V), 50/60Hz (option. DC12 ~ 24 Vdc）
Operation Temperature	-20 ~ 60 ºC

Transducer	
Protection	Submersible, IP68
Operation Temperature	-40 ~ 120 ºC
Cable	RG-62A/U, standard 10meter, max 200meter