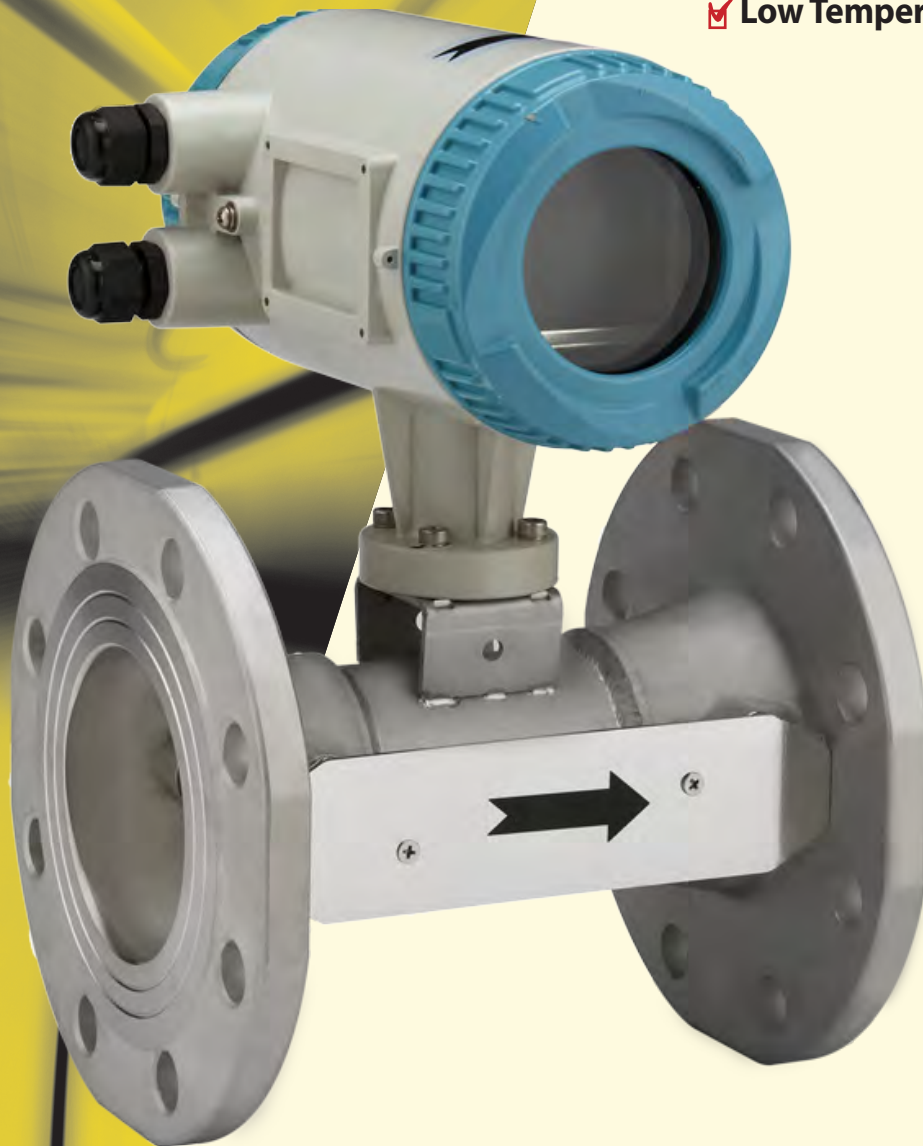


Ultrasonic Energy Meter **Xonic[®] 10LE**

- ✓ District Heating
- ✓ High Temperature Liquid
- ✓ Low Temperature Liquid



Xonic10LE is insertion type ultrasonic flowmeter with 1 path, 2 path, 3 path spool. It has no moving parts and fully digitalized with precise temperature sensors. Xonic10LE can measure clean water, dirty water, chemicals, oil, alcohol, etc, so it can replace conventional flowmeters.

Xonic® 10LE



No Moving Parts

- No Turbine or Impeller
- No Gear Box
- No Magnetic Parts

Stainless Steel Body

- No Corrosiveness
- No Rust

Fully Digitalized Water Meter

- Ultrasonic Transit-Time Method
- Bi-Direction Flow
- Empty Alarm
- BTU Flow & Total / Volume Flow & Total
- RS-232C / 485 Modbus / Pulse Output / 4-20mA Analog Output
- Same Size with Turbine

Specification

Measuring Method	Ultrasonic Transit-Time / 1~3 Pair Insertion Transducers
Accuracy	0.5% RD
Measuring Range	0.05~10 m/s (flow velocity) / -40 ~ +150°C (temperature)
Sensitivity	0.001 m/s
Temperature Sensor	PT500
Output	RS-232C / 485, 4-20mA, Relay
Display	Flow & Total / BTU Flow & Total / Graphic Mode (diagnostic) / -signal shape, strength, etc
Operating Temperature	-20 ~ +60°C for Electronics / -40 ~ +150°C for Transducers / -100 ~ +150°C for Temperature
Datalogger	32Mbytes
Protection	IP68 for Spool / IP65 for Electronics
Spool Material	Stainless Steel 304

Flow Range

NO	size	start (q0)	min (qi) 50:1	max (qp)	over (qs)
1	20mm	0.015	0.03	1.5	3
2	25mm	0.07	0.14	7	14
3	40mm	0.1	0.2	10	20
4	50mm	0.15	0.3	15	30
5	65mm	0.25	0.5	25	50
6	80mm	0.45	0.9	45	90
7	100mm	0.7	1.4	70	140
8	125mm	1	2	100	200
9	150mm	1.5	3	150	300
10	200mm	2.5	5	250	500
11	250mm	5	10	500	1000