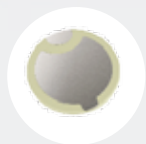


INTELLIGENT METERING



Transducer for
Flow Meter



Transducer for
Water Meter



High Temperature
Flow Transducer



Plastic Pipe for
Water Meter



Transducer for
Gas Meter



Pipe for
Gas Meter



Doppler Sensor



INTELLIGENT METERING

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Transducer for Ultrasonic Flow Meter

- Features**
- High reliability
 - High and low temperature resistance

- Applications**
- Ultrasonic flow sensor



Model	HN0536-004	HN0635-000	HN0636-004
Frequency (MHz)	1.00±0.02	1.015±0.03	1.015±0.03
Resonant impedance (Ω)	≤50	≤ 50	≤ 50
Static capacitance (pF)	710±20%	1350±20%	1150±20%
Size (mm)	Φ 10.0×1.0	Φ 15.5×1.02	Φ 14.0×1.01

Transducer for Ultrasonic Water Meter

- Features**
- Resistant to harsh environmental conditions such as high and low temperature, humidity, shock, and vibration
 - Meet the requirements of a wide range ratio water meter
 - Good consistency

- Applications**
- Ultrasonic water meter



Model	US0072	US0074	US0078
Appearance			
Frequency (KHz)	1090±20	1130±20	2110±30
Pressure Resistance (Mpa)	2.5	2.5	2.5
Operating Temp (°C)	0.1~+90	0.1~+90	0.1~+90
Installation diameter (mm)	Φ 16.8	Φ 16.8	Φ 10.0

High Temperature Flow Transducer

Features

- High temperature and pressure resistance
- Suitable for all kinds of liquids, including water, oil, etc
- High reliability

Applications

- Ultrasonic water meter
- Industrial water metering



Plastic Pipe for Ultrasonic Water Meter

Features

- Stable performance
- Good consistency

Applications

- Ultrasonic water meter



Model	US0041	US0081
Appearance		
Frequency (Khz)	960±30	965±30
Operating Temp (℃)	+0.1~+200	+0.1~+120
Pressure Resistance (MP a)	2.5	2.5
Installation diameter (mm)	Φ 16.8	Φ 16.8

Model	HS0014	HS0016	HS0017
Appearance			
Pressure Resistance (Mp a)	1.6	1.6	1.6
Operating temperature (℃)	0.1~+50	0.1~+50	0.1~+50
Pressure loss (Kpa)	≤ 40	≤ 40	≤ 40
Nominal diameter	DN 15	DN 20	DN 25

Transducer for Ultrasonic Gas Meter

- Features**
- High sensitivity
 - Strong directivity
 - Corrosion resistant material, suitable for various gas

- Applications**
- Ultrasonic gas meter



Pipe for Ultrasonic Gas Meter

- Features**
- Stable performance
 - Good consistency

- Applications**
- Ultrasonic gas meter



Model	HT0008	HT0013	HT0017
Appearance			
Frequency (KHz)	230±20	195±15	540±30
Pressure Resistance (MP a)	0.2	0.2	0.2
Operating Temp (°C)	-25~+70	-25~+55	-25~+55
Transmitting surface (mm)	Φ9.6	Φ14.1	Φ10.8

Model	HZ0015
Appearance	
Frequency (KHz)	500
Input voltage (V)	10~30
Pressure Resistance (KPa)	≤0
Operating Temp (°C)	-10~+40

Doppler Sensor

- Features
- Good consistency
 - Stable performance
 - Easy to install

- Applications
- Deep sea flow monitoring system



Model	US0055-000
Appearance	
Frequency (KHz)	600±20
Resonant impedance (Ω)	≤55
Max. input voltage (VP-P)	5
Operating Temp (°C)	+4~ +85

Lineup

Model	Appearance	Ultrasonic Heat Meter	Ultrasonic Water Meter	Ultrasonic Gas Meter	Deep sea flow detection system
Transducer for Ultrasonic Flow Meter		■	■		
Transducer for Ultrasonic Water Meter		■	■		
High Temperature Flow Transducer		■	■		
Plastic Pipe for Ultrasonic Water Meter			■		
Transducer for Ultrasonic Gas Meter				■	
Pipe for Ultrasonic Gas Meter				■	
Doppler Sensor					■