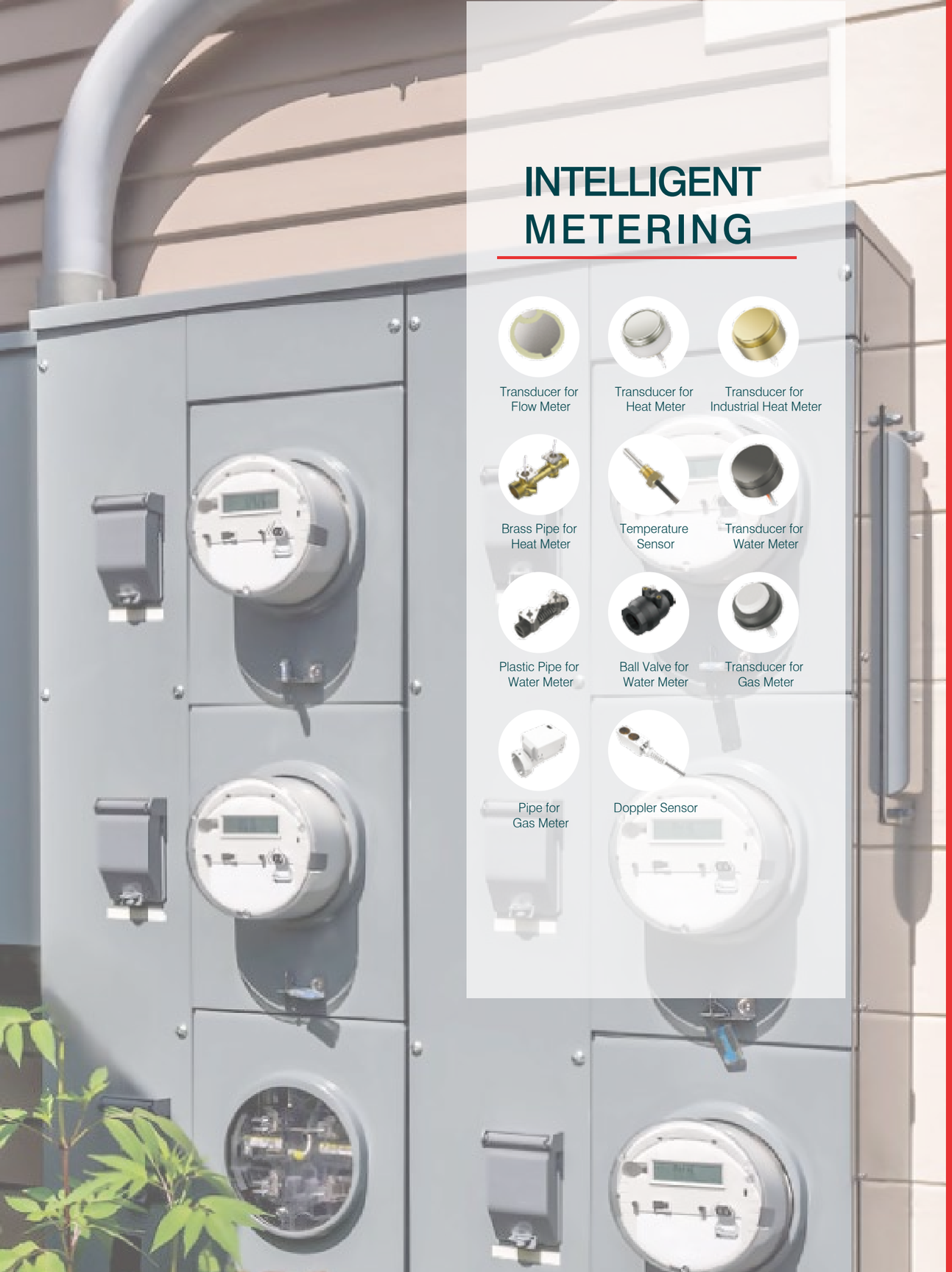

INTELLIGENT METERING

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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)	Φ10.0×1.0	Φ15.5×1.02	Φ14.0×1.01

Transducer for Ultrasonic Heat Meter

Features
- Good consistency
- Stable performance
- High reliability

Applications
- Ultrasonic heat meter

Model	US0002	US0004	US0014
Appearance			
Frequency (Khz)	975±30	975±30	975±30
Operating Temp (℃)	+4~+90	+4~+90	+4~+90
Pressure Resistance (MPa)	1.6	2.5	2.5
Installation diameter (mm)	Φ18.2	Φ16.8	Φ16.8

Transducer for Industrial Ultrasonic Heat Meter

Features
- High and low temperature resistance
- High reliability

Applications
- Ultrasonic heat meter

Model	US0012	US0017
Appearance		
Frequency (Khz)	975±30	975±30
Operating Temp (℃)	+4～+120	+4～+130
Pressure Resistance (MPa)	4.0	3.5
Installation diameter (mm)	Φ18.0	Φ17.0

Brass Pipe for Ultrasonic Heat Meter

Features
- Stable performance
- Good consistency

Applications
- Ultrasonic heat meter

Model	HS0002	HS0003
Appearance		
Pressure Resistance (Mpa)	1.6	1.6
Operating Temp. (℃)	0～+90	0～+90
Detection range (m^3/h)	0.07～7.00	0.07～7.00
Nominal diameter	DN 20	DN 25

Temperature Sensor

Features
- Stable performance
- High reliability

Applications
- Ultrasonic heat meter

Model	HQ0057
Appearance	
Accuracy (℃)	≤0.1
Insulation resistance (MΩ)	100
Type	PT 1000
Operating Temp. (℃)	+4～+90

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	US0039	US0072	US0078
Appearance			
Frequency (KHz)	975±30	1090±20	2110±30
Pressure Resistance (Mpa)	2.5	2.5	2.5
Operating Temp (℃)	0.1～+90	0.1～+90	0.1～+90
Installation diameter (mm)	Φ16.8	Φ16.8	Φ10.0

Plastic Pipe for Ultrasonic Water Meter

Features
- Stable performance
- Good consistency

Applications
- Ultrasonic water meter

Model	HS0014	HS0016	HS0017
Appearance			
Pressure Resistance (Mpa)	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

Ball Valve for Water Meter

Features
- Continuous regulation
- No moving parts

Applications
- Ultrasonic water meter

Model	HZ0021
Appearance	
Pressure Resistance (MPa)	1.6
Installation Length (mm)	64.5
Operating Temp (℃)	0.1～+50
Nominal diameter	DN15

Transducer for Ultrasonic Gas Meter

Features

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

Applications

- Ultrasonic gas meter

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

Pipe for Ultrasonic Gas Meter

Features

- Stable performance
- Good consistency

Applications

- Ultrasonic gas meter

Model	HZ0015
Appearance	
Frequency (KHz)	500
Input voltage (V)	10～30
Pressure Resistance (KPa)	≤10
Operating Temp (℃)	-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 (℃)	+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 Heat Meter		■			
Transducer for Industrial Ultrasonic Heat Meter		■			
Brass Pipe for Ultrasonic Heat Meter		■			
Temperature Sensor		■			
Transducer for Ultrasonic Water Meter			■		
Plastic Pipe for Ultrasonic Water Meter			■		
Ball Valve for Water Meter			■		
Transducer for Ultrasonic Gas Meter				■	
Pipe for Ultrasonic Gas Meter				■	
Doppler Sensor					■