Gentos Measurement & Control Co., Ltd.

pFlow

E3W Clip-on
Ultrasonic Thermal Energy / BTU Flow Meter



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Product Overview



Gentos quick measure E3W adopts the ultrasonic transit time measurement principle, combined with Gentos patented flow algorithm technology, it realizes accurate measurement of the fluid flow in the pipe. The product is all-in-one and clip-on structure design, which is simple and convenient to install. Only four steps are needed all along. The installation process requires no contact with fluid media and no need to shut down.

The instrument adopts WIFI communication, implement cloud data storage, users can access cloud data anytime and anywhere through mobile and PC terminals, manage, analyze and query measurement data information.

Product Features and Functions

Features

- Easy installation, no pipe rework or damage
- No adjustment, clip on to measure
- LCD colorful display screen
- 360° rotation adjustable display screen

Functions

- WIFI communication
- Available on the MeterTube app and platform

Application and Industry

HVAC, heating, energy-saving monitoring, heat balance regulation, heating regulation, AHU room, thermal energy transformation...









Application Topology

E3W adopts WiFi communication to realize cloud data storage. Users can access cloud data through mobile terminals and PC terminals anytime and anywhere to manage, analyze and query measurement data information.

Notice: Add a Device by Scanning Device QR Code. The next MeterTube app comes with reminderof Cloud Platform Subscription Renewal.



Meter Wiring

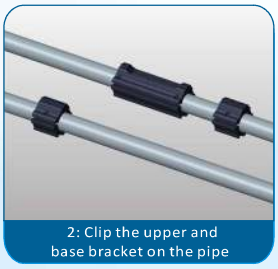


Function	Identification	Color
Power Supply (10~36VDC) + Brown	+	Brown
	-	Black
RS485	A	Green
	B	White
None	/	Red
	/	Yellow

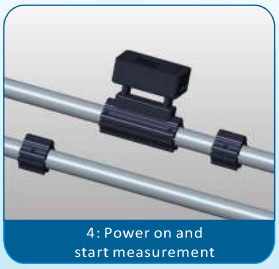
Installation Method:

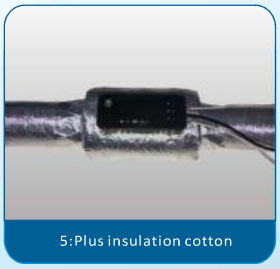
The product is all-in-one and clip-on structure design, which is simple and convenient to install. Only four steps are needed all along. The installation process requires no contact with fluid media and no need to shut down.


1:Take out the product


2: Clip the upper and base bracket on the pipe


3: Tighten the screws


4: Power on and start measurement


5:Plus insulation cotton

Product Model

Model Selection Model: E3W; Format: A-B

Model	Description of Transmitter	
E3W	Model Name: E3W Clip-on	WIFI: Available
	Ultrasonic Thermal Energy / BTU Flow Meter	Pipe Material: Carbon steel, Stainless steel, Copper, PVC
	Velocity range: 0.03~5m/s	Communication: RS485 (standard)
	Accuracy: ±2%	Support FUJI protocol and MODBUS protocol
	Measuring medium: Water	Temp. of Transmitter Installation Environment: -10°C~50°C
	Keyboard: 4 keys	Temp. of Measured Medium: 0°C~60°C
	Display: 1.44" LCD colorful screen, Resolution: 128*128	Transmitter: All-In-One
	Protection Level: IP54	Transducer: Clip-on

Specifications

A	Pipe Range
Pipe OD Range	Unit: mm, Pipe Material(PVC,Carbon Steel, Stainless Steel)
	DN20(21~29),DN25(28~36),DN32(35~43),DN40(46~54),DN50(5967),DN65(72-80),DN80(83~91)
	Unit: mm,Pipe Material(Copper)
	DN25(21~29),DN32(28~36),DN40(35~43),DN50(46~54),DN65(59~67),DN80(72~80)

B	Pipe Material(Optional)
1	Carbon Steel
2	Stainless Steel
3	Copper
4	PVC

Selection Example: Model: E3W; Specification: DN20-1
For example: (Model: E3W Clip-on Ultrasonic Thermal Energy / BTU Flow Meter; DN20, Carbon Steel)

Product Series

Accuracy Rate 0.2
D118 High Dynamic response
D348D Plus Multipath
...

Accuracy Rate 0.5
D118i Insertion
D118i Portable
D118 Insertion/Clamp on
D348D Plus Multipath
...

Accuracy Rate 1.0
D116 Insertion/Clamp on
...

For HVAC
F5 wall mounted meter
F8 wall mounted meter
E5 wall mounted Ultrasonic Thermal Energy / BTU Flow Meter
E8 wall mounted Ultrasonic Thermal Energy / BTU Flow Meter
...

Clip-on Series
F2 Clip-on flow meter
E3 Clip-on Thermal Energy / BTU Flow Meter
E3W Clip-on Thermal Energy / BTU Flow Meter
...

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