*Touch **the sensitivity...***

ADA FLOW

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AUW100

Module clamp on ultrasonic
flow meter

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Flowometer

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Advantage:

This ultrasonic module is in line measure mentfor long-term.
Theconvertor and transducer are installed fixing on the pipe, with the advantages of small size, low cost and easy operation.

Features:

● **High Accuracy**
Better than ±1%
● **Wide Measuring Range**
Several types transducer for selection, pipe size from Dn15mm to Dn6000mm
● **High Reliability**
Adopt low voltage, multi-pulse technology to improve accuracy, useful life and reliability.
● **Strong Anti-interference**
Dual-balance signal differential receiver/driver circuit to avoid interference of converter, TV tower, high voltage line etc.
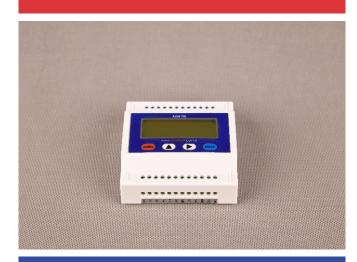● **Powerful Recording Function**
Automatically record the following data:
1. The totalizer data of the last 512 days/128 months/10 years
2. The time and corresponding flow rate of the last 64 times of power on and off events
3. The working status of the last 32 days

Parameters of main unit

Working Environment

	Main Unit	Transducer
Protection Level	IP65	IP68
Humidity	≤ 85%RH	
Temperature	-20° ~ 60°C	-30° ~ 160°C

Basic Parameters

Accuracy	≤ 1%
Velocity Range	0 ~ ±10m/s, Bi-directional measurement
Pipe Size	DN32 ~ DN6000 mm
Temperature	-30° ~ 160°C
Type of Liquid	Single liquid that can transmit ultrasound, such as water, sea water, sewage, oil, alcohol, etc.
Pipe Material	Steel, stainless steel, cast iron, copper, PVC, aluminum, glass steel, etc. Liner is allowed
Signal Output	1 way 4-20mA output 1 way OCT pulse output 1 way relay output
Signal Input	3 way 4-20mA input, achieve to heat measurment by connecting PT100 platinum resistor.
Interface	RS485, support ***MODBUS***
Consumption	1.5 W
Power Supply	DC8 ~ 36V or AC85 ~ 264V

Installation Width of guide rail: 35mm

Parameters of Transducer

● *Clamp on Transducer*

Built-in magnet, easy to be absorbed on pipe
Protection Level: *IP68*
Measuring range: *DN15-DN6000*
Temperature range: *-30° ~ 90°C*

Type	Small	Medium	Large
Model	TS-2	TM-1	TL-1
Measuring Range	DN15-DN100	DN50-DN700	DN300-DN6000
Temperature	-30°~ 90°C	-30°~ 90°C	-30°~ 90°C
Dimention	45×25×28mm	64×39×44mm	97×54×53mm

● *High Temperature Clamp on Transducer*

Built-in magnet, easy to be absorbed on pipe
Protection Level: *IP68*
Measuring range: *DN15-DN6000*
Temperature range: *-30° ~ 160°C*

Type	Small	Medium	Large
Model	TS-2-HT	TM-1-HT	TL-1-HT
Measuring Range	DN15-DN100	DN50-DN700	DN300-DN6000
Temperature	-30°~ 160°C	-30°~ 160°C	-30°~ 160°C
Dimention	45×25×28mm	64×39×44mm	97×54×53mm

● *Mounting Bracket Transducer*

Improve installation efficiency and accuracy
Protection Level: *IP68*
Measuring range: *DN32 ~ DN700*
Temperature range: *-30° ~ 160°C*

Type	Small	Medium	Extended	Small	Medium	Extended
Model	HS	HM	EB-1	HS-HT	HM-HT	EB-1-HT
Measuring Range	DN15 ~ DN100	DN50 ~ DN700	≫DN300	DN15 ~ DN100	DN50 ~ DN300	≫DN300
Temperature	-40°~ 90°C	-40°~ 90°C	-40°~ 90°C	-40°~ 160°C	-40°~ 160°C	-40°~ 160°C
Dimention	318×59×85mm	568×59×85mm	88×59×49mm	318×59×145mm	568×59×145mm	88×59×49mm

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