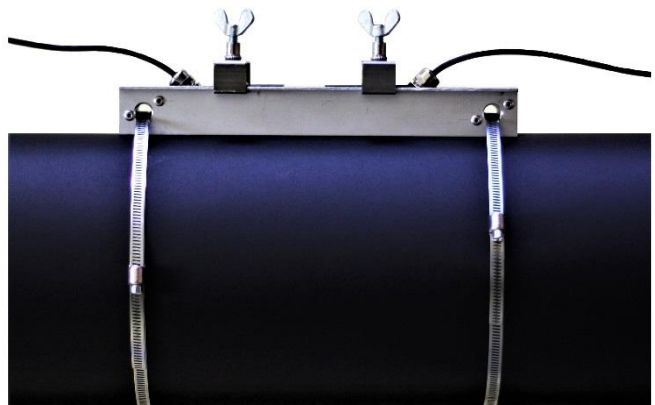
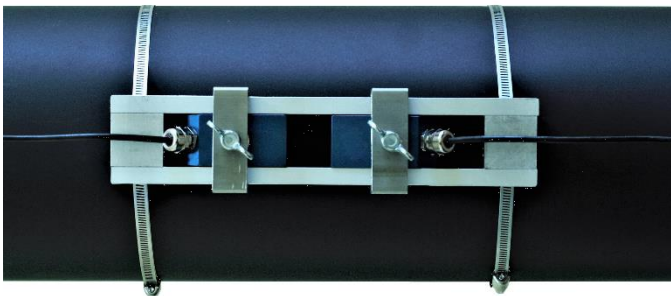


FLOWSONIC

Ultrasonic flowmeter type FS300



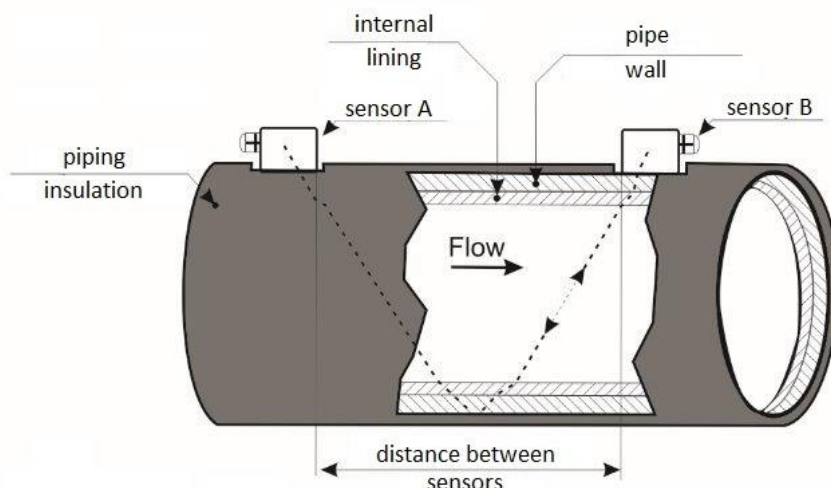
SONICS Ltd.
8000 Burgas, 20 Yanko Komitov Str., Business Center NORTH, fl.3, office №1
phone + 359 56 843 900; fax: +359 56 843 913
e-mail:sonics@dir.bg; sonics@mail.bg, web site: www.sonics.bg

FS 300 is a digital type "clamp on" ultrasonic flowmeter designed for measuring of volumetric flow rate and quantity of single-phase liquid fluids in pressure pipelines. Suitable for measuring clean and industrial water in the water, pharmaceutical, chemical, food industry.

DESCRIPTION

The flow meter operating principle is based on the change of transit time of an ultrasonic signal through the measured section depending on the velocity of the fluid being measured (Fig.1).

The flowmeter consists of a transmitter type FS100 and two sensors, type "clamp on ultrasonic"



DETAILS:

Transmitter type FS100

Configuration

Menus in Bulgarian and English

Material

PVDF

Protection

IP65

Display

2-line 16-character LCD;

Archive

Hourly, daily, monthly, annual, data logger

Communication

Modbus RTU, Modbus TCP

Input / Output

Analog 4, Digital 4

Power supply

100-240V DC/20-29V AC/DC , buffer, with an integrated battery (optional)

Approvals

CE

Sensors type "clamp on"

Fluids

Conductive and nonconductive liquids

Material

Aluminium

Material of the pipes

Metal and non-metallic

Diameters

50 – 2000mm

Relative error

<1,5%

Protection

IP68

ADVANTAGES

Buffer power supply provides up to 20 hours of operation without external power.

High measurement accuracy for dynamic fluid movement - 200 measurements per second.

Easy montage and configuration.

No piping discharge is required.

Menu in Bulgarian.