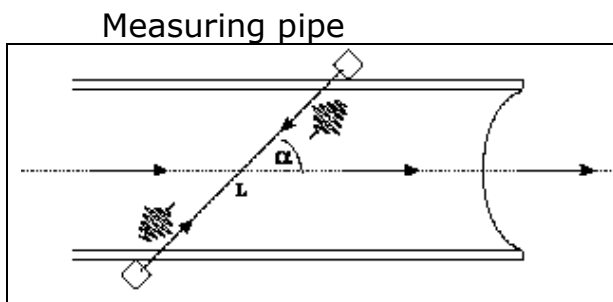


The IntraSonic IS200 is a flowmeter for measuring the flow of volume in a piping system. The special feature of this system is installation under operating conditions. Further option are temperature inputs for Energy calculations. This flowmeter operates according to the transit-time principle. Because of the carry effect the run-time of the ultrasonic impulses in the measuring section are depending on the flow speed.



The signal is measured with and against the direction of the flow.

The transducers are mounted on the outside of the pipe. (Clamp On). Because there is no intervention required in the piping system, there will be no pressure loss in the system and no wear to the transducers. Flow measurement of chemical aggressive fluids is therefore no problem.

The control matrix has a clear structure and is easy comprehensive. The operation can be done without an additional device and without opening the flowmeter housing.



Characteristics

- Easy installation, low installation cost.
- No requirement for pipe-intrusion / plant interruption.
- Measurement is not depending on conductivity and fluid pressure.
- No direct contact with the fluid and therefore no corrosion in case of aggressive chemicals.
- Certification for explosive atmospheres. (in preparation)