



Transit time ultrasonic flowmeter

For conductive and non-conductive liquids

Measure range $<0,2\text{m}^3/\text{h} \div >400000 \text{ m}^3/\text{h}$

Accuracy $\pm 1\%$

Clamp on IP68 sensors also for high temperatures

Pipe dimension range:

DN20 \div DN4000

Datalogger via SD card or via MODBUS

Heat meter

Technical Feature

Pipe dimension range

DN20 \div DN4000

Transmitter protection class

IP66

Transducer protection class

IP68

Display

backlighted 2x20 alphanumeric digit

Keypad

4 keys

Housing material

aluminium

Displayed data

instantaneous flowrate; flow totalizer

Installation

wall mounting

Analog Output

Sel. 4 \div 20mA o 0 \div 20mA

Accuracy

$\pm 1\%$

Repeatability

$\pm 0,2\%$

Linearity

$\pm 0,5\%$

Basic measurement period

500ms

Serial port

RS485

Communication protocol

MODBUS RTU or ASCII+ (opz.)

Data logger

on SD card (opt.) or via MODBUS

Programmable frequency output

0 \div 5000Hz

Output

n.1 relay; n.1 digital output

Medium speed range

$\pm 12\text{m/s}$

Unit working temperature

-20 \div 60°C

Instrument humidity

non condensing 85% RH (40°C)

Transducer working temperature

TS-2 / TM-1 / TL-1 -30 \div +90°C; TS2H / TM1H -30 \div +160°C; TC-1/ TLC2 -40 \div +160°C

PT100 sensors working temperature

-40°C +160°C

Transducer cable std. length

5mt

PT100 sensor cable std. length

15mt

Power Supply

24,115,230Vac; 10 \div 30Vdc

Dimensions

200x120x77mm

Weight without sensors

1Kg