

High Quality Water Sensor Ultrasonic Water Flow Sensor



1.2Mhz Ultrasonic Flow Meter Sensor For Water Flow Rate Measuring

Product Details

Place of Origin: Guangdong, China
Brand Name: Hurricane
Model Number: TL1200
Usage: Ultrasonic Flow meter Transducer
Theory: Ultrasonic Sensor
Frequency: 1.2MHZ±5%
Application: Water, Fuel liquid flow measurement
Blind zone: below 2cm
electrostatic capacity: 1000PF±20%
Protection class: IP68

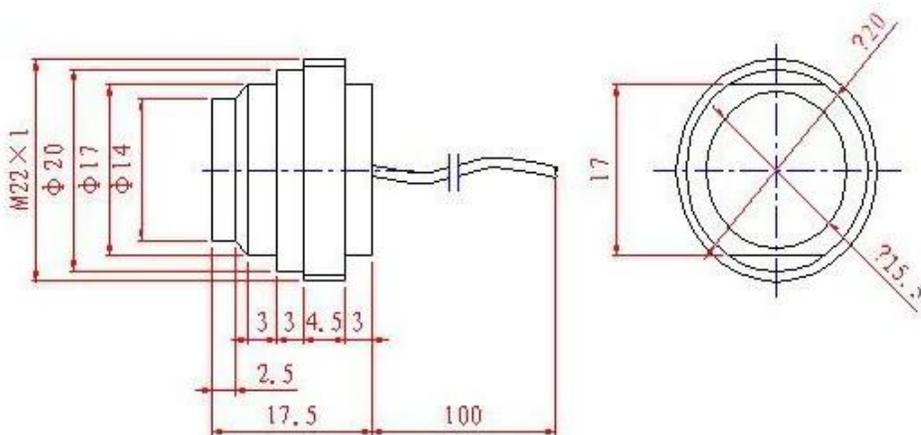
1. Introduction

The ultrasonic flow meter sensor is widely used to measure all kinds of liquid flow rate. Such as water, gas, fuel etc.

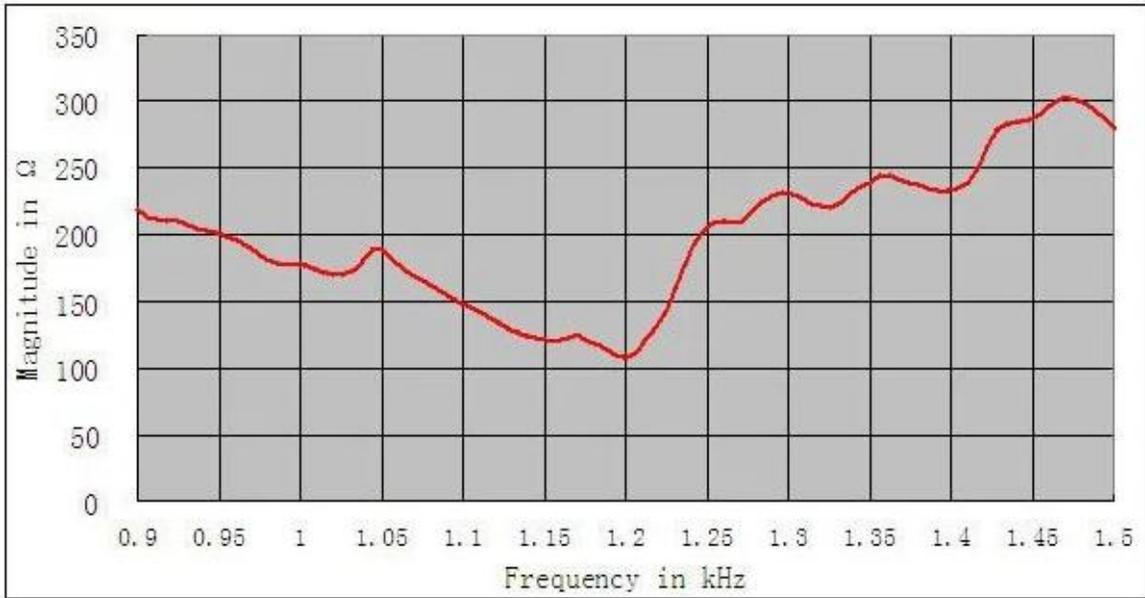
2. Parametes of flow transducer

Centre working frequency (kHz)	1.2MHZ±5%
Bandwidth	±0.1MHz
overall sensitivity	-34dB min
0 dB=3 Vp-p;cycle:8;distance:4cm(self transmitter and self receive)	
Blind zone	below2cm
Beam angle(-3dBfull angle)	8°
electrostatic capacity	1000PF±20%
Minimal parallel impedance	130Ω±30%
Maxim operating voltage	below150V
(Pulse Duty cycle ratio 2%)	
Operating temperature	0~95°C
Maxim pressure	1.6MPa
The material of the housing	copper
Protection class	IP68

3. Dimensions and Test Diagram



Frequency-resistance^u



Frequency-phase angle^u

