

ULTRASONIC LEVEL TRANSMITTER



SUS400 - SUS400R

Introduction

Ultrasonic level transmitter is a non-contact, high reliability, cost-effective, easy to install and maintain level measurement instrument. It is a low-cost device for measuring liquids, slurry at industrial sites. It is widely used in water treatment, municipal, chemical, metallurgical and mechanical manufacturing industries.

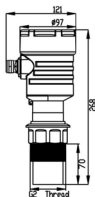
Working Principle

Ultrasonic level transmitter launch more than 20KHZ sound waves under the control of the electronic components function towards the object surface to be tested by, the reflection echo wave is received by the probe and converted to electrical signals. The time is proportional to the distance from ultrasonic launch to be received back. By measuring the time, and according to the known velocity to calculate the measured distance,

Feature

Ultrasonic material (liquid) level meter has the characteristics of non-contact continuous measurement, automatic power adjustment, gain control, temperature compensation, etc., combined with advanced detection technology and rich software functions, through a variety of output forms: relay output, high precision (4-20) mA output, RS485 output, to achieve accurate measurement.

Selection And Application



SUS-400, standard ultrasonic, output options:
4-20mA 2wire/4wire, RS485, 4-20mA + RS485.

SUS-400	
Application	Liquid
Measuring Range	0~20m
Connection Process	Thread/plastic flange
Process Pressure	≤0.3MPa
Signal Output	(4-20)mA/HART
Accuracy	0.25%-1.0%
Explosion-Proof Grade	Ex d IIB T4 Gb Ex ib IIB T6 Gb
Protection Grade	Display IP67/Probe IP68

