

YSQF Wall hanging outside clamp type ultrasonic flowmeter

Features

- Accuracy :1%(flow rate greater than 0.1m/s);
- Power consumption: working current 50mA(not connected to the keyboard and buzzer does not sound)
- Optional output :1 road sign brick isolation RS485 output; 1 isolated 4-20mA or 0-20mA output (active or passive optional);Optional HART protocol
- Display :2x10 backlit display;
- Operation :16 keys window operation;



Specifications

Parameter	Specification	
Main machine	The backlit liquid crystal can display instantaneous flow rate, velocity, cumulative flow rate, time, heat, signal status, etc	
Main machine	Output	Analog output: 4~20mA or 0~20mA(accuracy $\pm 0.1\%$)
		OCT output: positive, negative, net cumulative flow and heat cumulative pulse signal or instantaneous flow frequency signal
		Relay: can input nearly 20 source signals (such as no signal, reverse current, etc.)
		Sound alarm: the buzzer can issue an alarm sound according to the setting (such as too much traffic, too small)
	Input	Can input 5 4-20mA analog signals A11, A12~ A15(such as temperature, pressure, liquid level and other signals) to achieve heat measurement or dual-use
	Automatic memory of the previous 64 days, 64 months, the previous 5 years of cumulative traffic	
	Automatic memory of the first 64 calls and power off time and flow, can be manually or automatically replenished to reduce user traffic loss	
	Automatically record whether the working state of the flowmeter is normal and the number of abnormal states in the previous 64 days	
	Data interface: Factory configuration is RS-232 mode, optional RS-485 mode	
	Programmable batch (quantitative) controller	

Cable length	Ultrasonic special cable in principle, the shorter the better to reduce interference, can also be extended to 300 meters at the same time, users should pay attention to the cable should not be parallel with the high-voltage cable, as far as possible to avoid the frequency converter and other strong magnetic field
Accuracy	Better than $\pm 1\%$
repeatability	Better than $\pm 0.5\%$
Velocity range	0.01~ ± 32 m/s
Medium	Water, sea water, industrial sewage, acid lye, various oils, etc. can conduct sound waves uniform, single, stable liquid
Applicable pipe	Carbon steel, stainless steel, cast iron, cement pipe, copper, PVC, aluminum, glass steel, hard metal plastics, etc., allow lining
Straight pipe	Sensor installation point is best to meet: upstream 10D, downstream 5D, 30D away from pump outlet (D refers to pipe diameter)
Power supply	8~36VDC or 85~264VAC
Size	251×192×96mm
Power dissipation	Low power consumption in the same model (2W)

Standard configuration



Pipe Size: DN15-DN100mm
Outline Size: 45×30×30mm



Pipe Size: DN50-DN700mm
Outline Size: 60×45×45mm



Pipe Size: DN300-DN6000mm
Outline Size: 80×70×55mm