



STYRE SENSOR FUEL TANK ULTRASONIC

Ultrasonic level meter emit ultrasonic pulses by sensor(transmitter) and the pulse are receive by same sensor (receiver) after it reflected from the liquid surface. The pulses are converted into electrical signa through the piezoelectric crystal. According to the propagation time of acoustic wave emitted to the surface of the object is proportional to the distance between the transmitter and receiver, so the distance between sensor and liquid level can be calculated by the propagation time of receiver and transmitter.



Features:

1. Strong anti-interference ability, can be applied to Serious environment for liquid level measurement.
2. Built-in temperature sensitive components, have real-time and auto Temperature Compensation function.
3. Various types of output to meet the needs of different industrial field interface.
4. High-tech to reach Minimum blind area is only 6mm.



TECHNICAL SPECIFICATIONS

Types	Standart Integrated	Mini Integrated	Separated
Stroke	5m,8m,10m,12m,15m,20m,25m,30m	1m,2m	5m,8m,10m,12m,15m,20m,25m,30m
Blinding Area	≤0.25-1.5m	≤0.06-0,15m	≤0.3-1.5m
	(By Stroke)		
Emit Angle	<10°	<6°	<12°
Accuracy	±0.3%F.S	±0.1%[±1mm or ±1.5mm]	±0.3%F.S
Resolution	1mm		
Power Supply	DC12—24V or AC220V	DC12—24V	DC12—24V or AC220V
	Power: <1.5W	Power: <1.5W	Power :<5W
Output	Current: 4-20mA,0-20 mA		
	Voltage: 0-5V,0-10V		
	Digital: RS485(Modbus),GPRS Wireless	Digital: RS485(Modbus)	Digital:RS485(Modbus),HART,GPRS,MiniSD,USB
	On/off:2 NPN/ 2-way Relay	On/Off:3 NPN	On/OFF: 4 Chunnel Relay (AC:5A/ 250V, DC:10A /24V)
	AC: 5A/250VDC:10A/24V]		
Connection	5-10m: M60*2	M30*1.5	5-10m: M60*2
	20-30m:DN80 Flange		20-30m:DN80 Flange
Enclosure Rating	Whole: IP65 or IP66/67,Sensor IP68		
EX Grade	Exia IIB T4 Gb		Exia IIB T4 Gb
			Exd IIB T4
Working Condition	Normal temp. and pressure		
Temperature compensation	Auto in full scale		
Storage Humidity	≤80%RH, No condensation		

Note : Specification are subject to change without notice

Provided and Supported By



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