

LEVEL TRANSMITTER

GLT530

Description

GLT530 level transmitter has the special structure and applications. It has high accuracy, small volume, stability, plus resistance to abrasion, oil, acid & alkali and high intensity gas lead cable ensured that it can meet the different occasions measurement requirements. It is widely used in sewage, river and lakes treatment as well as channel, large rivers, l reservoirs and coastline monitoring. This product has got intrinsic safety certification, explosion proof certification and CE certification. The lead of two-wire circumfluent is no-polarity.

Features

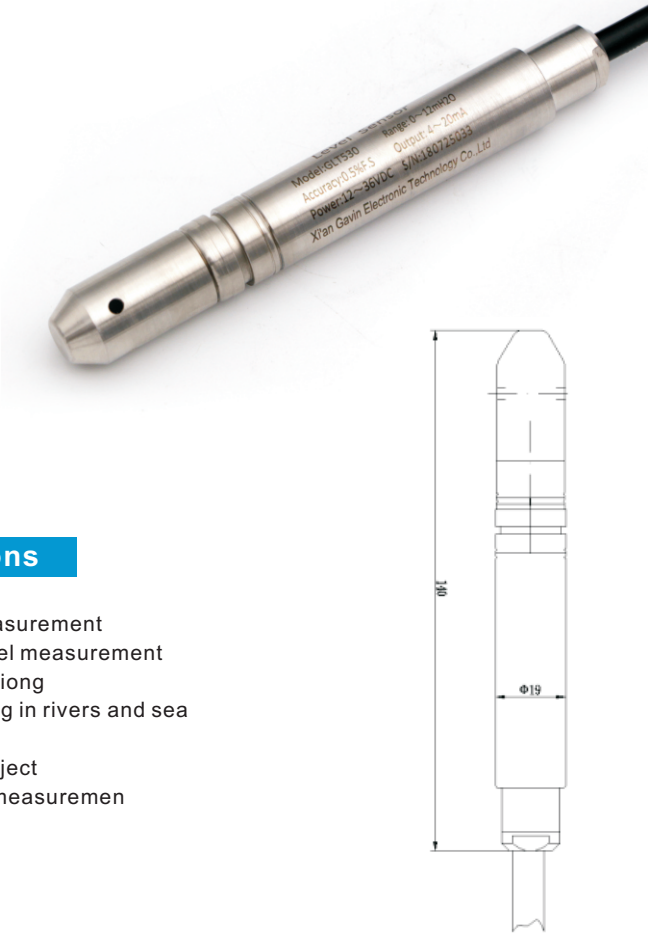
- Pressure range: 0~1mH₂O...200mH₂O
- Accuracy: ±0.25%FS, ±0.5%FS
- Diameter length only Ø19
- No-polarity two wire current output
- Explosion proof certification
- CE certification
- OEM provided

Applications

- Deep well level measurement
- Liquid reservoir level measurement
- Water saving irrigating
- Hydraulic monitoring in rivers and sea
- Sewage treatment
- Water diversion project
- Muddy liquid level measurement

Technical Specifications

Test condition of data: 25°C (77°F)		
Pressure range	0~1m ... 200m H ₂ O	
Over pressure	150%FS	
Burst pressure	300%FS	
Output signal	4~20mA, 0~5VDC, Customizable	
Power supply	10~30VDC	
Accuracy	0.25%FS(min.)	0.5%FS(typ.)
Long-term stability	≤0.1%FS/year	
Temp. coefficient of zero	±0.02%FS/°C(typ.)	±0.05%FS/°C(max.)
Temp. coefficient of span	±0.02%FS/°C(typ.)	±0.05%FS/°C(max.)
Compensated temperature range	-10~+70 °C	
Operating temperature range	-20~+85 °C	
Storage temperature range	-20~+85 °C	
Insulating resistance	≥100MΩ@100Vdc	
Load resistance	R ≤ (U-10)/0.02 (for 4/20mA)	R > 100kΩ (for voltage output)
Electrical interface	waterproof outlet	
Pressure interface	submersible type	
Material of pressure membrane	316LSS	
Material of housing	Stainless steel 304	
Response time (10%~90%)	10ms	
Protection	IP68	



Ordering code

GLT530	Level transmitter													
	Code	Sensor type												
	N	Submersible type												
		Code	Unit											
		M	mH ₂ O											
		B	Bar											
		P	Psi											
			Code	Pressure range										
			XmH ₂ O	Can be customized										
				Code	Output signal									
				T1	4-20mA									
				T2	0-5VDC									
				T3	1-5VDC									
				T4	0-10VDC									
				T5	0.5-4.5VDC									
				T6	RS485 (Only 19mm diameter)									
					Code	Power supply								
					V1	12VDC								
					V2	24VDC								
					V3	10~30VDC								
					V4	5VDC								
						Code	Accuracy							
						A1	0.25%FS							
						A2	0.5%FS							
							Code	Pressure type						
							G	Gauge						
							A	Absolute						
								Code	Electrical interface					
								K1	Cable connection					
									Code	Housing Material				
									S1	304 SS				
									S2	316L SS				
										Code	Cable material			
										P1	Polyethylene (PE)			
										P2	Polyurethane (PU)			
										P3	PTFE			
											Code	Cable length		
											5m	5m		
											10m	10m		
											Xm	Xm, such as 5M(can be customized)		
												Code	Explosion-proof function	
												E	Explosion-proof	
												O	Non-explosion-proof	
GLT530	N	B	5	T1	V2	A2	A	K2	S3	P1	Xm	E	Complete specification	