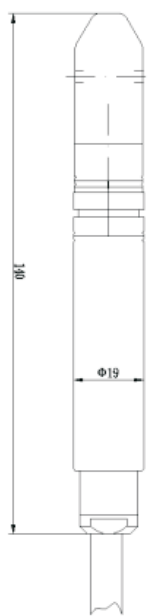


# LEVEL TRANSMITTER GLT530



### 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, 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: 0~1mH<sub>2</sub>O...200mH<sub>2</sub>O
- 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 <sub>2</sub> 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 <sub>2</sub> O										
		B	Bar										
		P	Psi										
			Code	Pressure range									
			XmH <sub>2</sub> O	Can be customized									
				Code	Output signal								
				T1	4-20mA								
				T2	0-5Vdc								
				T3	1-5Vdc								
				T4	0-10Vdc								
				T5	0.5-4.5Vdc								
					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	Ex I explosion-proof
												O	Non-explosion-proof
GLT530	N	B	5	T1	V2	A2	A	K2	S3	P1	Xm	E	Complete specification